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Times are hardly normal, but things are gradually settling down, and after much consideration we have decided to resume our pre-war system of distribution, which you will remember was confined entirely to the Wholesaler.

Experience has taught us that, just as you are the fit and proper person to complete our advertising by handing over Glaxo to the customer, so it is our function to closely watch your interests, to drive business to you and to see that your profits are maintained and protected.

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All Cash with Order Terms are abolished.

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Retail Prices	Net cost to Retailer			Cases contain
	Small Orders	Complete Cases, value not less than £6 . 6 . 2	Complete Cases, value not less than £12 . 6 . 0	
1/6 per tin	14/5 per doz.	14/- per doz.	13/8 per doz.	24 Small tins
3/- " "	28/10 " "	28/- " "	27/4 " "	12 Medium tins
7/6 " "	72/- " "	70/2 " "	68/4 " "	12 Large " "
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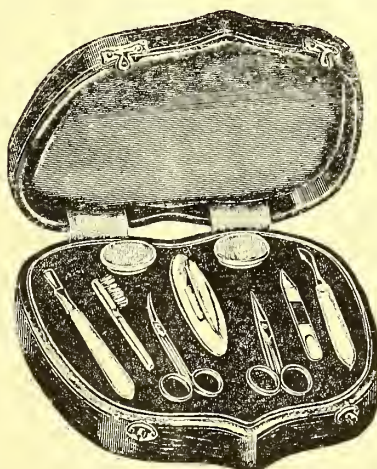
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QUININE

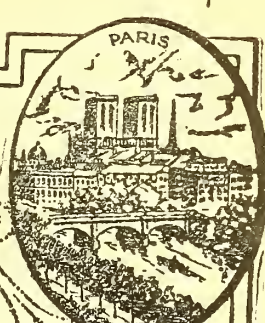
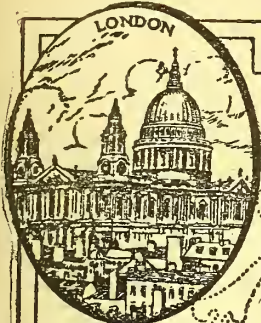
MAARSSSEN**QUININE and QUININE SALTS.**

Unexcelled in Uniformity of Quality.
Brilliant Crystallisation and Purity of Colour.

**CINCHONINE, CINCHONIDINE, QUINIDINE,
and their SALTS.**

MANUFACTURED BY
NEDERLANDSCHE KININEFABRIEK, MAARSSSEN, HOLLAND

AGENTS:—R. W. Greeff and Company,
Thames House, Queen Street Place,
LONDON, E.C.4.



PHARMACEUTICAL AND PHOTOGRAPHIC PRODUCTS.

For spot delivery.

ACETYL SALICYLIC ACID
ANTIPYRIN
BENZOIC ACID
COCAIN
EUCALYPTUS OIL
GALLIC ACID
PYROGALLIC ACID
SALICYLIC ACID
SALICYLATE OF SODA

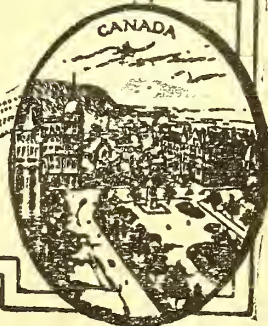
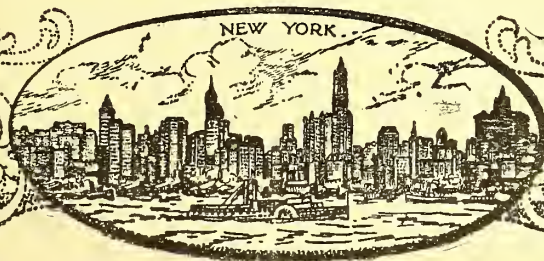
*Enquiries also solicited for our usual range of
Pharmaceutical and Photographic Products.*

R. W. Greeff & Co.

THAMES HOUSE, QUEEN STREET PLACE,
LONDON, E.C.4.

MANCHESTER BRANCH:
Lloyd's Bank Buildings, King Street.

NEW YORK AGENTS:
R. W. Greeff & Co., Inc., 78, Front Street.



A copy of this Prospectus has been filed with the Registrar of Joint Stock Companies.
No part of this issue has been, or will be, underwritten.

No part of the proceeds of this Issue is to be applied for Capital purposes outside the United Kingdom or to replace money which has been so applied.
The special permission of the Liverpool and London Stock Exchanges for dealing in the Shares now offered will be applied for in due course, and application will also be made for an official quotation.

THE LIST OF APPLICATIONS WILL BE OPENED ON THURSDAY, the 23rd DAY of OCTOBER, 1919,
and CLOSED on or before TUESDAY, the 28th day of OCTOBER, 1919.

EVANS SONS LESCHER & WEBB

LIMITED.

(INCORPORATED UNDER THE COMPANIES ACTS, 1862-1900).

AUTHORISED CAPITAL - £750,000.

DIVIDED INTO

450,000 5% Cumulative Preference Shares of £1 each.....	£450,000
300,000 Ordinary Shares of £1 each.....	£300,000
	£750,000
OF WHICH HAVE BEEN ISSUED:	
5% Cumulative Preference Shares of £1 each	£362,754
Ordinary Shares	£150,000
	£512,754

Present issue of 150,000 ORDINARY SHARES at £1 each.

At a premium of 10s. per Share.

PAYABLE—On application.....	5s. 0d.
On allotment (including premium).....	15s. 0d.
One month after allotment.....	10s. 0d.

These Shares will rank for dividends as from the due dates of allotment and final instalment payable thereon.
The holders of the Ordinary Shares are entitled to all the profits of the Company distributed as dividend, subject only to the 5 per cent. Cumulative dividend on the Preference Shares. In winding up, they are entitled to all the surplus assets after repayment of the capital paid up on the Preference Shares.

The average dividend paid on the Ordinary Shares for the past 5 years has been—

12 per cent. FREE OF INCOME TAX,

equal at 30s. per Share to

8 per cent. FREE OF INCOME TAX.

Directors.

WILLIAM PATERSON EVANS, Chairman,
EDWARD ALFRED WEBB, Deputy-Chairman,
ALFRED BICKERTON EVANS,
JAMES HERBERT EVERETT EVANS,
THOMAS EDWARD LESCHER,
HAROLD EDWARD WEBB,
JOHN NEVETT EVANS,
KENNETH WOLLASTON EVERETT EVANS,
STEPHEN FOSTER WEBB.

Bankers.

MANCHESTER AND LIVERPOOL DISTRICT BANKING COMPANY, LIMITED, LIVERPOOL, LONDON, MANCHESTER, and BRANCHES.
BANK OF LIVERPOOL AND MARTIN'S, LIMITED, LIVERPOOL, LONDON, and BRANCHES.
THE NATIONAL PROVINCIAL AND UNION BANK OF ENGLAND, LIMITED, LONDON, and BRANCHES.
LONDON JOINT CITY AND MIDLAND BANK, LIMITED, LONDON, and BRANCHES.
THE MERCHANTS' BANK OF CANADA, NEW YORK.

Solicitors.

WORTHINGTON EVANS, DAUNEY & CO., 5 Laurence Pountney Hill, London, E.C.4.
WHITLEY & CO., 41 Castle Street, Liverpool.

Brokers.

PARR & RAE, Queen Avenue and Stock Exchange, Liverpool.

Auditors.

CHALMERS WADE & CO., Chartered Accountants, 5 Fenwick Street, Liverpool, and 24 Coleman Street, London, E.C.2.

Secretaries and Offices.

GEORGE EGERTON GILLARD, Secretary, 56 Hanover Street, Liverpool.—Registered Office.
THOMAS CHARLES HEWITT, Assistant Secretary, 60 Bartholomew Close, London, E.C.1.

PROSPECTUS.

The Company was formed in 1902 for the purpose of taking over the well-known businesses founded in the reign of George III. of EVANS, SONS AND CO., Liverpool, and of EVANS LESCHER AND WEBB, London, Wholesale and Export Druggists.

The Company are direct importers of drugs, manufacturers of pharmaceutical preparations, and fine chemicals, distillers of essential oils, and manufacturers of and dealers in druggists' sundries.

The Company's operations are world-wide, and it may claim to be the largest *All-British* firm of wholesale druggists. It has laboratories and works at Liverpool, London, and Runcorn, sends travellers to all parts of the world, has its own business house in New York, and is represented in Canada by the National Drug and Chemical Company of Canada Limited, with which it is closely associated.

The Company is also sole consignee of the lime juice from the estates of the Montserrat Company Limited, and carries on a large trade in the manufacture and sale of lime fruit juice and cordials, and is sole proprietor of Evans' Antiseptic Throat Pastilles, The Liverpool Virus, and various other specialities.

The Company's trade at home and abroad has steadily increased since its incorporation, and the capital of the Company has been increased from time to time to meet the requirements of the growing business. During the past five years advantage has been taken of every opportunity to develop the business both on its manufacturing side and also in extending old and opening up new markets.

To cope with the resulting increase of business the Company's works and warehouses at Liverpool, London, and Runcorn have been extended and considerable sums have been spent on research, resulting in the manufacture of numerous products, pharmaceutical, bacteriological, and chemical, some of which had not hitherto been produced in this country.

The sales of the first six months of this year show an increase of 20 per cent. over those in the same period of 1918.

The object of the present issue is to provide additional working capital. The premiums to be received will, after payment of the expenses, be added to the reserve.

The Assets and Liabilities of the business appear in the Company's audited balance sheet as at 31st December, 1918, as follows:—

CAPITAL AND LIABILITIES.

Authorised Capital—			
450,000 5% Cumulative Preference Shares of £1 each ...	£	s. d.	£ s. d.
150,000 Ordinary Shares of £1 each ...	450,000	0 0	
	150,000	0 0	
	£600,000	0 0	
Capital Issued and Subscribed—			
362,754 5% Cumulative Preference Shares of £1 each ...	362,754	0 0	
150,000 Ordinary Shares of £1 each ...	150,000	0 0	
			512,754 0 0
4% First Mortgage Debenture Stock Interest accrued ...	52,000	0 0	
	520	0 0	
			52,520 0 0
Reserve ...			17,500 0 0
Mortgages and Interest accrued ...			43,581 5 9
Sundry Creditors and Bills Payable ...			446,305 14 9
Sundry Bankers, less Bills in hand for collection ...			126,481 17 6
Profit and Loss Account—			
Balance after providing for dividends on Preference Shares, Interest on Debenture Stock, and Trustees' and Auditors' Fees ...	38,203	1 7	
Deduct—			
Directors' Fees ... £4,000 0 0			
Interim Dividend on Ordinary Shares (paid July 1918) ... 7,500 0 0			
	11,500	0 0	
			26,703 1 7
			£1,225,845 19 7

(There is a contingent liability on Bills discounted and on Trade Guarantees.)

PROPERTY AND ASSETS.

	£	s. d.	£	s. d.
Freehold and Leasehold Properties, Liverpool, London, and Runcorn, less Leasehold Sinking Fund Account ...			186,545	11 0
Plant, Furniture, Fixtures, &c. ...			75,535	11 5
Investments, Unexhausted Insurance, Advertising, &c. ...			43,066	4 7
Book Debts ...			364,107	17 6
Goodwill, Trade Marks, &c. ...	97,662	0 11		
Odd Foreign Trade Marks and Purchase of Patent Rights ...			782	6 10
			98,444	7 9
Stock-in-Trade ...			453,505	5 6
Bills, Cash, and Stamps in hand ...			4,641	1 10

To which must be added the net proceeds of this Issue, estimated at £218,000.

The Company's Auditors, Messrs. Chalmers, Wade and Co., of Liverpool and London, have given the following certificate:—

To the Directors of EVANS SONS LESCHER and WEBB, LIMITED.

Gentlemen,
9th October, 1919.
Having acted continuously as Auditors of the Company since its incorporation in 1902, we certify that during the past ten years the net profits of the Company, after providing for all outgoings, including Excess Profits Duty, Income Tax, Depreciation, Debenture and other Interest, and Bank Commission, but before charging Directors' Remuneration, have been as follows:—

For the year ended—	31st December, 1909, £36,712 14s. 0d.
	Ditto 1910, £37,868 12s. 7d.
	Ditto 1911, £39,825 0s. 9d.
	Ditto 1912, £33,504 3s. 10d.
	Ditto 1913, £32,619 10s. 9d.
	Ditto 1914, £40,063 10s. 11d.
	Ditto 1915, £73,330 15s. 8d.
	Ditto 1916, £72,473 2s. 8d.
	Ditto 1917, £47,989 3s. 11d.
	Ditto 1918, £54,375 0s. 9d.

We are, Gentlemen, Yours Faithfully,
CHALMERS, WADE AND CO.,
5 Fenwick Street, Liverpool, Chartered Accountants.

The Dividends paid on the Ordinary Shares for the past ten years, free of Income Tax, have been as follows:—

1909, 7½ per cent.,	free of Income Tax.
1910, 8½ "	free of Income Tax.
1911, 10 "	free of Income Tax.
1912, 7½ "	free of Income Tax.
1913, 5 "	free of Income Tax.
1914, 10 "	free of Income Tax.
1915, 15 "	free of Income Tax.
1916, 12½ "	free of Income Tax.
1917, 10 "	free of Income Tax.
1918, 12½ "	free of Income Tax.

It is anticipated that with the increased Capital the rate of dividends of the past five years will be maintained.

The only Contracts entered into by the Company within the past two years, except contracts in the ordinary course of business, are as follows:—

30th January 1919, between the Company and the Corporation of London for exchange of land and improvement of building line at 48 and 49 Bartholomew Close, London, E.C.

30th April, 1919, between the Company and Dove Brothers, Limited, for the erection of new buildings at 48, 49, and 50 Bartholomew Close.

The Articles provide that—

Subject to any special terms as to voting upon which any shares may be issued, on a show of hands every member present in person shall have one vote. In case of a poll every member present in person or by proxy shall have five votes for every Ordinary Share held by him and one vote for every share other than an Ordinary Share held by him.

A print of the Company's Memorandum and Articles of Association, Copies of the Auditors' Certificate, and the above-mentioned Contracts can be inspected at the Offices of the Company's Solicitors during business hours on each day on which the lists are open.

Brokerage at the rate of 3d. per share will be paid on allotment made on applications bearing the stamps of Brokers or approved Agents.

Applications for shares should be made on the accompanying form and sent with the required deposit to any of the Company's Bankers in England.

Applications from existing shareholders, customers, and employees of the Company will receive preferential consideration.

Where no allotment is made the deposit will be returned in full. Where the number of shares allotted is less than that applied for, the balance of such deposit will be applied towards the payment due on allotment; any balance remaining will be returned. Failure to pay when due any instalment on the shares allotted will render previous payments liable to forfeiture.

Interest at the rate of 10 per cent. per annum will be chargeable on instalments in arrear.

Prospectuses and Forms of Application may be obtained on application at the Offices of the Company, and from the Company's Bankers, Solicitors, Brokers, and Auditors.

Dated, 20th October, 1919.

EVANS SONS LESCHER & WEBB, LIMITED

FORM OF APPLICATION.

Issue of 150,000 Ordinary Shares of £1 each at premium of 10s. per Share.
To the Directors of EVANS SONS LESCHER AND WEBB, LIMITED.

GENTLEMEN, No.....

Having paid to your Bankers the sum of £....., being a deposit of 5s. per Share on application for Ordinary Shares of £1 each in the above-named Company, at a premium of 10s. per Share, I/we hereby request that you will allot to me/us that number of Shares, and I/we hereby agree to accept the same or any less number that you may allot to me/us, upon the terms of the Prospectus filed with the Registrar of Joint Stock Companies, and the Memorandum and Articles of Association of the Company, and I/we agree to pay the further sums as provided by the Prospectus, and I/we authorise you to place my/our name on the Register of Members in respect of the Shares allotted to me/us. I/we hereby declare that this application is not made by or for the benefit of any enemy subject within the meaning of the Trading with the Enemy Amendment Act, 1916, or with whom trading is forbidden under any Proclamation relating to Trading with the Enemy.

PLEASE WRITE DISTINCTLY. Name (in full) Address (in full) Profession or Business

(A lady should state whether Spinster, Wife, or Widow.)

Date Signature

This form must be sent, with cheque for the amount payable on Application, to any of the following of the Company's bankers: Manchester & Liverpool District Banking Company, Limited, Liverpool, London, Manchester, & Branches; Bank of Liverpool & Martin's Bank, Limited, Liverpool, London, & Branches; the National Provincial & Union Bank of England, Limited, London & Branches; London Joint City & Midland Bank, Limited, London & Branches.

No receipt will be issued for payment on application, but the Company will forward an acknowledgment in due course either by Allotment Letter or by return of the Deposit.

Cheques should be made payable to the Company or bearer, and crossed "Not Negotiable," with the name of the Company's Bank to which it is paid.

If altered from "Order" to "Bearer" the alteration should be initialed by the drawer.

£420 for Window Displays

of articles advertised in

"John Bull"

"John Bull"
Window Dressing
Competition.

1st Prize - 200 guineas

2nd " 100 "

3rd " 50 "

50 prizes of 1 guinea
each.

500 Diplomas of Special
Merit.

Designed by Garth Jones.

JOHN BULL

WINDOW DRESSING COMPETITION
Dept. C4.
Long Acre, LONDON, W.C.2.

How to Win a Prize.

From now until December 31st certain articles will be advertised in "John Bull," some of which you now stock. Think out a good window dressing display for one of these articles. Have the display photographed—amateur photographs will do—and send the result to "John Bull." Your display must last for one week, and if you like you may have other displays at different periods between the two dates named. No restriction is imposed on the number of displays, provided always that the articles used are advertised in "John Bull." These handsome prizes *must be won*. You stand just as good a chance of winning a prize as any other trader. Why not plan out some good displays and try hard for the first prize? *Before entering, write for the Free Brochure*, which gives full particulars of the Competition and hints on Window Dressing. Fill in the Coupon and post it now.

Send for Free Brochure NOW.

THE CAMPAIGN AGAINST RATS

This week a National effort is being made to reduce the number of Rats and Mice throughout the country.

The use of "LIVERPOOL" VIRUS is the most successful and up-to-date method of destruction.

A large sum of money is being spent on advertising. The public is inquiring for

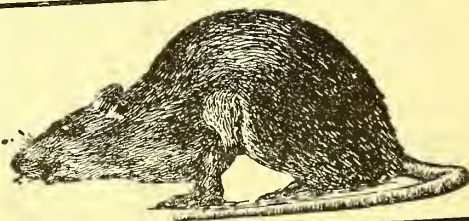
"Liverpool" Virus

Do your customers know you hold stocks?

We supply dummies and showcards for window display; also literature for distribution.

SOLE PROPRIETORS:

EVANS SONS LESCHER & WEBB, Ltd.
LIVERPOOL LONDON



Maw's Page.

S. MAW · SON & SONS · LTD.
7/12, ALDERSGATE ST. LONDON, E.C.1, ENGLAND.

No. 419.
25 : 10 : 19

The Market-Place

"What d'ye lack? What d'ye lack?" sang out the merchant in the market-place in the days when England was Merrie England. And his customers thronged around him voicing their needs and eyeing his wares.

The merchant lives in a more complex civilisation to-day. The market-place is left to the huckster of fish and vegetables. The merchant sits at a roll-top desk and sells his wares the length and breadth of the land. But the merchant still calls his "What d'ye lack?" but not by word of mouth. This call is with the printed word. Where one heard the voice of the market-place merchant, a thousand hear the voice of his modern prototype through catalogue and price list.

And his customers—Well, instead of being jostled in the market-place they choose their wares by the fireside at leisure.

All of which is to remind you that if you do not possess a catalogue of the House of Maw you are self-handicapped. It is so easy to obtain—a request on a postcard does it.

You will find that this book smooths over a lot of rough places. Besides it's a very fine thing to have at hand information about all the wares of the House of Maw—a house which never fails its friends, has an unequalled reputation for integrity, and supplies only those things which in quality and value will worthily uphold its great reputation.

Why not send to-day for the aid to good business—a catalogue of the House of Maw.

Discus

MAW'S 'DISCUS' "SUPER" RED INDIA RUBBER HOTWATER BOTTLE

There is a demand for a really good Red Hot Water Bottle, and to meet it we have produced this new brand in super quality only. In this Bottle we have embodied the results of a somewhat expensive experience gained by handling the American type of solid india rubber bottles. In this type of seamless or moulded bottle no foundation canvas is used, consequently, when used in the ordinary British manner, *i.e.* filled to their utmost capacity with boiling water, they obligingly hold a little more every time they are used. Finally they attain to the size of a bolster and then burst at a most inconvenient time. For all this the seller gets blame, which is as difficult to remove as it is unreasonable. The "Discus" Super Red Bottle is British made for British use, *with* a good canvas foundation. In addition it is a superb article and of such self-evident quality and value that it will sell itself whenever shown to a client willing to pay for a first-class article.

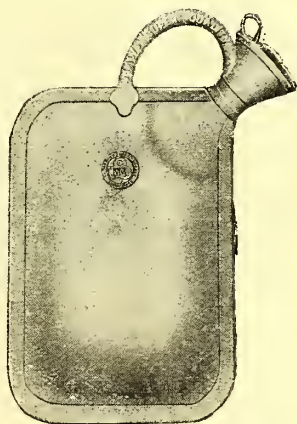
SIZES AND PRICES.

8 by 10	8 by 12	8 by 14	10 by 12	10 by 14 in.
6/6	7/6	8/6	9/-	10/- each.

Usual terms. Orders to value £5 and over extra 5%



"Super Corner Spout" Pattern



This type is too well known and too old a favourite to need introduction. We would only call attention to the little improvement by which the stopper is so attached to the bottle that it cannot be mislaid.

SIZES AND PRICES.

7 by 10	8 by 10	8 by 12 inches
5/9	6/6	7/- each
8 by 14	10 by 12	10 by 14 inches
7/9	8/-	9/- each

Usual terms. Orders to value £5 and over extra 5%.

Mr. Stickinthemud still survives.

Life is one long wet day to some people.

They've been "under the gamp" for so long that they scarcely realise it when the sun begins to shine.

"Anyhow," they argue, "people think it's a parasol!" Whereas it's a parable.

Times change—and wise men with them.

In Pharmacy the trend of opinion is now definitely Ucal-wards.

Ucal puts the retail chemist in a strong position—four-square to all the winds of competition.

By joining Ucal you will make the most of good times and miss the worst of any bad ones that may happen.

Follow the crowd. Join Ucal NOW.



*Come out from under that Gamp!
The sun is shining!*



Information free from
Ucal, Cheltenham.

The Retail Chemist and Our Trade Parcels Scheme



CHEMISTS from all parts of the Kingdom have shown willingness to co-operate with us by accepting our Trade Parcels Scheme. These chemists are discriminating men of business and they know a sound proposition when they see it.



The basic idea of the plan is "Co-operation with the Chemist" . . . if the chemist will assist us in the matter of distribution by accepting the Trade Parcel offer we have made him, we can help him to sell the goods by increasing our advertising. Further, we can give him a discount made possible by the economies effected as a result of the parcel method.



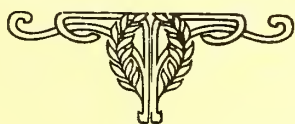
Acceptance of the parcel ensures the placing of the chemist's name on our Special List and entitles him to receive any preferential offers we make. It will be seen, therefore, that the benefits are mutual and tangible. We give our assurance that the advantages offered by this scheme are not merely problematical, but that they will prove definite, acceptable and well worth while.

.....

THE LIST of chemists to whom we have sent particulars of this scheme runs well into five figures, but it is just possible that in so great a number, one or two of our friends may have inadvertently been overlooked. If, therefore, YOU have not received detailed information, will you drop us a line and so allow us to rectify the oversight?

.....

INTERNATIONAL CHEMICAL CO. ^L/_T/_D
WYBERT ST., MUNSTER SQ.,
LONDON, N.W. 1.



Important Warning to the Trade

THIS WINTER WE AGAIN EXPECT A SHORTAGE OF
SANATOGEN & FORMAMINT, etc.

To avoid disappointing your customers you
should place big orders as quickly as possible.

IN the first place, a recurrence of the Influenza Epidemic is anticipated—and you know what *that* will mean with Formamint and Genasprin.

Secondly, the coming milk famine is bound to restrict our production of Sanatogen—also of Formamint and Cystopurin, on account of their milk-sugar basis. (Cystopurin, by the way, is greatly in demand from doctors, owing to the increase in venereal diseases.)

Thirdly, our rapidly growing export trade has prevented us from conserving stocks during the summer months, as we have hitherto done; while we cannot increase our Genasprin output until the new factory is ready.

Fortunately, the summer sales of Sanatogen have been only normal, but they are now leaping up again; and, its nutritional properties being so well known, there will probably be a record boom in Sanatogen (also in **Sanatogen Chocolate**) immediately the food shortage is felt.

That is what may be expected, then—an abnormal demand for our lines, coupled with an equally abnormal shortage; and the retailer who acts promptly—by getting in big stocks while they are still obtainable—will reap the benefit of his foresight.

GENATOSAN, LTD. (British Purchasers of the Sanatogen Co.)

12 CHENIES STREET, LONDON, W.C.1. (Chairman: The Viscountess Rhondda.)

PAGE 15
AYRTON'S

The Chillie Wool way

of treating aches and pains increases in popularity year by year. Chillie Wool is a firm favourite wherever it is introduced, and our Showcards do the introducing part well.

We have also an alternate style, "Thermal Wool," a modernly designed package in brown, black and white. The same excellent wool, but a different design and title. Showcards are ready.

Menthol & Liquorice Pellets

strong in Menthol.

Large, beautifully
decorated tins:

per gross - 48/-

	Small	Large
PRICES ARE - per dozen,	6/9	11/6
per gross,	78/-	135/-

NAME AND ADDRESS ON THREE DOZEN AND UPWARDS.

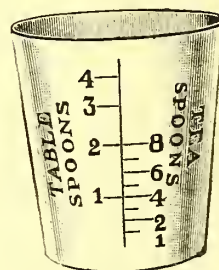
AYRTON, SAUNDERS & CO. LTD.
LIVERPOOL

BUY YOUR GLASS FROM STOCK



Without boasting, we have the largest London stocks of small and medium bottles. We cannot stock everything, but we can safely say that we have stock of the most saleable lines, including vials. Please communicate with us before ordering elsewhere.

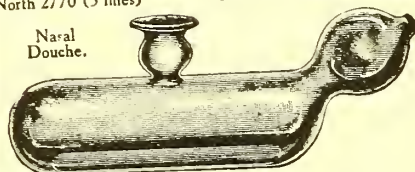
We have stocks of 8-oz. Plain or Graduated Tinted Medicals, also a few Reputed Pint Wickered Eau de Colognes



Telephone :
North 2770 (3 lines)

Telegrams :
"Assorted, Phone, London."

Nasal
Douche.



JULES LANG & SON

CHARLTON WORKS, CHARLTON PLACE,
(Opposite Agricultural Hall) ISLINGTON, LONDON, N.1

Warehouses also at Barnsbury and off City Road.

E. YOULDON, LTD.

MANUFACTURERS OF

GLASS BOTTLES

TREBY ST. (late Carter St.),
Maplin St., Mile End, London, E.

ESTABLISHED 1840.

Telegrams: "YOULDON, BOWBUR, LONDON."

Telephone: EAST 132.

C. MELIN & CO.

ESTABLISHED
1865

7 India Street, Crutched Friars, London, E.C.

supply GLASS AMPOULES, TUBES
and LAMP BLOWN ARTICLES

OF EVERY DESCRIPTION. PROMPT DELIVERY.

DIRECT FROM THE WORKS. :: WHOLESALE & EXPORT.

"QUINPHOS"

Regd.
THE GREAT TONIC

NOTICE

On and from November 1, 1919, the 2/11 size "QUINPHOS," liquid or tablets, will be sold at 3/- P.A.T.A. The Wholesale price will be 27 6 per dozen.

From NOVEMBER 1, therefore, these are the

Retail and Wholesale Prices of "Quinphos"

Regd.

Minimum Retail Price.		Wholesale Price.	
On th P.A.T.A.	1/3	....	11/6 per dozen.
	3/-	....	27/6
	5/-	....	48/-

BONUS FOR WINDOW DISPLAY.

- No. 1**—For a 25/- order of "QUINPHOS," equivalent to 1 doz. 1/3 size and $\frac{1}{2}$ doz. 3/-, liquid or tablets or assorted, there is a bonus of 3×1/3 size with high-class Cut-out and Showcards for Window.
- No. 2**—For a £3 order of "QUINPHOS," assorted sizes, liquid or tablets or assorted, there is a bonus of 9×1/3 size, with high-class Cut-out and Showcards for placing in the Window.
- No. 3**—For a £5 order of "QUINPHOS," assorted sizes, liquid or tablets or assorted, there is a bonus of 15×1/3 size, with high-class Cut-out and Showcards for Window Display.

SOLE
MAKERS

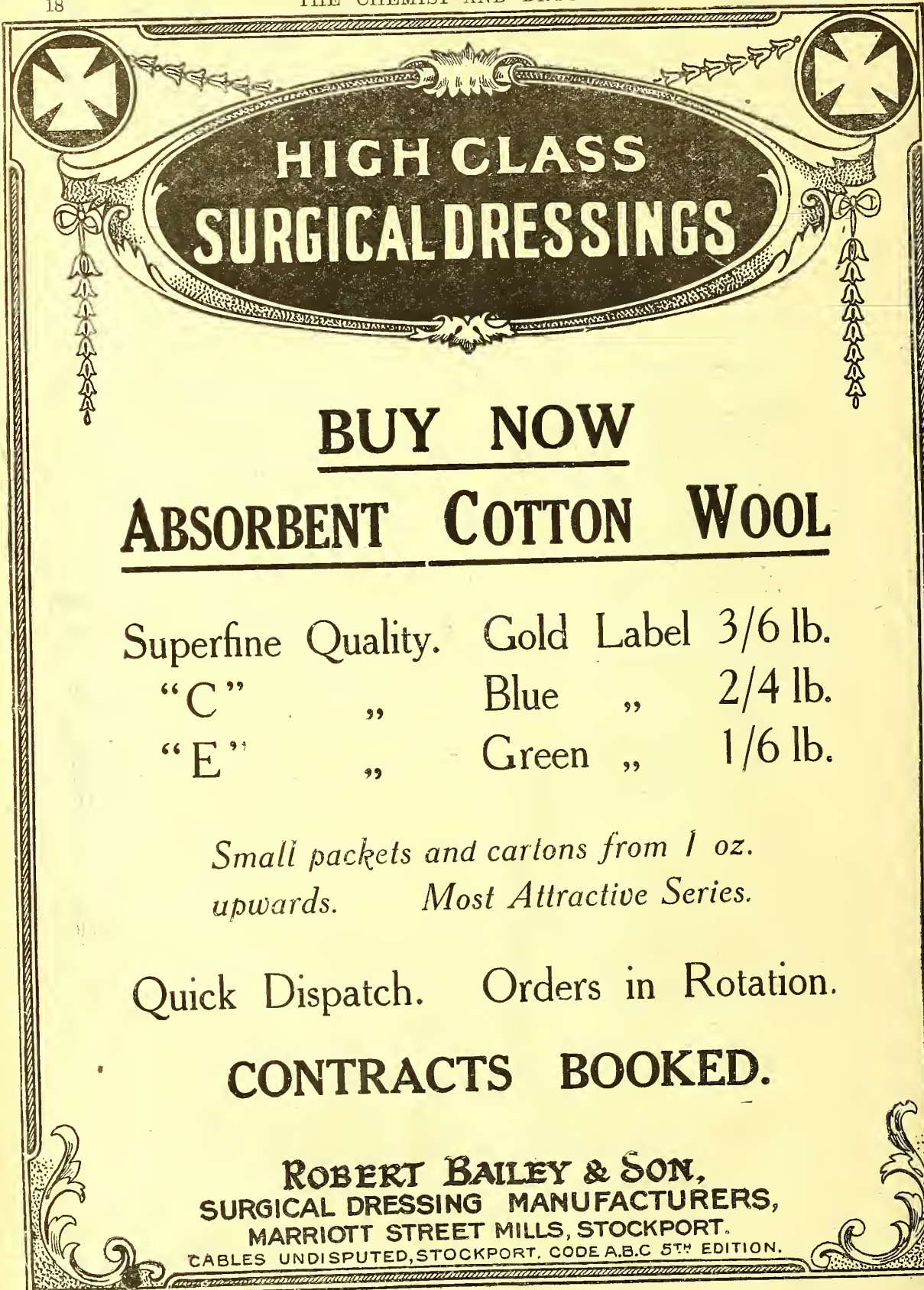
THOMPSON & CAPPER, LTD.

Manesty Buildings, College Lane, LIVERPOOL.

ESTABLISHED 1843.

Telegrams: "SANITAS LIVERPOOL."

Telephone: ROYAL 2060 (Pte. Branch Exchange)



HIGH CLASS SURGICAL DRESSINGS

BUY NOW ABSORBENT COTTON WOOL

Superfine Quality.	Gold Label	3/6 lb.
"C" ,,	Blue ,,	2/4 lb.
"E" ,,	Green ,,	1/6 lb.

*Small packets and cartons from 1 oz.
upwards. Most Attractive Series.*

Quick Dispatch. Orders in Rotation.

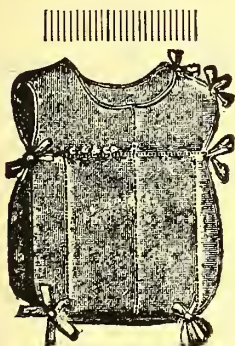
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ROBERT BAILEY & SON,
SURGICAL DRESSING MANUFACTURERS,
MARRIOTT STREET MILLS, STOCKPORT.
CABLES UNDISPUTED, STOCKPORT. CODE A.B.C 5TH EDITION.



Order in good time

"ZUDOR" JACKETS



*Made in six stock sizes.
Any special size made to order.*

SHOWCARDS
AND
ADVERTISING MATTER
SUPPLIED
WITH EACH ORDER.



Facsimile of Showcard.

IN TWO QUALITIES.

No.	Across Chest.	Shoulder to waist.	Cotton Wool Per doz.	Retail each.	Lamb's Wool Per doz.	Retail each.
1.	8 in.	6 in.	9/6	1/3	16/-	2/-
2.	10 in.	8 in.	12/-	1/6	20/-	2/8
3.	12 in.	10 in.	16/6	2/-	24/-	3/4
4.	15 in.	12 in.	20/6	2/6	28/-	4/-
5.	19 in.	13 in.	25/-	3/-	32/-	5/-
6.	21 in.	15 in.	30/-	3/9	40/-	5/6

Owing to the large calls we always receive in the Autumn for "Zudors" we would advise customers to order as soon as possible.

CUXSON, GERRARD & Co., Ltd.
OLDBURY, near BIRMINGHAM.

— **SICILIAN** —
LEMON - BERGAMOT
ORANGE - MANDARINE.
— **SPINELLI** —

**THE OILS THAT HAVE A LONG
REPUTATION FOR QUALITY.**

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any
:: :: :: analysis as to purity. :: :: ::

HOLLANDS DISTILLERY LTD.
Lavington Street, Southwark, LONDON, S.E. 1

A B C Code, 5th Edition
Western Union.

Telegrams: "LANDSLQH, LONDON."
Telephone: HOP 898.

AMERICAN AGENTS—O. A. BROWN CO., INC., 99-101 Beckman Street, NEW YORK.
CANADIAN AGENTS—F. S. JARVIS & CO., 18 Toronto Street, TORONTO.

TERPENELESS OILS

BRITISH MADE.

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the World.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)

Bay

Bergamot

Caraway

Cassia

Cinnamon

Clove

Dill



Geranium

Ginger

Juniper Berry

Lavender

Lemon

Limes

Mandarin

Nutmeg

Orange

Peppermint

Petitgrain

Rosemary



CINNAMIC

ALDEHYDE

GERANIOL

CITRAL

EUCALYPTOL



HOLLANDS DISTILLERY, Ltd.

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A B C Code (5th Edition).
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Telephone: HOP 898.

AMERICAN AGENTS—O. A. BROWN CO. INC., 99-101 Beekman St., New York.
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POLAK & SCHWARZ LTD.

ESSENCES.

ESSENTIAL OILS.

AROMATIC CHEMICALS.

FLOWER OILS.

SYNTHETICS.

ZAANDAM. BOIS-COLOMBES

HOLLAND.

FRANCE.



TRADE MARK
Telegraphic address
E. & F. Stevenson & Co.
122 Great Suffolk Street
London S.E. 1

On the List of Government Contractors
The Crown Agents for the Colonies, etc.

Telephone
45 46

RECEIPTS AND AWARDS

LONDON 1888 VIENNA 1889 CALCUTTA 1884
CHICAGO 1893

SYNTHETIC OTTOS

"ZINTEL" Brand Regd.

TRUE SYNTHETIC PRODUCTS

	Price
BERGAMOTTE. A substitute for Natural Bergamote Oil	10/6 oz.
CARNATION. Intensely fragrant, exactly resembles the flower	8/6 oz.
GERANIUM. Much stronger than the natural perfume	5/- oz.
HELIOTROPE. The true storiflorous principle of the delightful flower	10/6 oz.
HYACINTH. Gives a fine delicate perfume	4/6 oz.
JASMINE. A true synthetic product of great delicacy	10/6 oz.
LILAC. We consider this Otto one of the best of the series	4/6 oz.
LILY OF THE VALLEY. A perfect imitation of the flower.	12/6 oz.
NEROLI. Of exquisite flavour, very useful in making Eau de Cologne.	8/6 oz.
ORANGE BLOSSOM. A very delicate perfume, though not so powerful as some of the series.	10/6 oz.
PINK. An exquisite product, true to the flower	8/6 oz.
ROSE. One of the finest and most delicate Synthetic Ottos in the market. The "Zintel" Brand passes the most discrim- inating tests, and is almost indistinguishable from genuine Otto, and though much stronger costs but a fraction of the price.	21/- oz.
ROSE RED. This is the Red Rose of Provence	11/- oz.
ROSE WHITE	15/- oz.
SWEET PEA. A lovely recalling the delightful odour of the favourite flower.	11/- oz.
SYRINGA. Also a new product	11/- oz.
VIOLET. A universal favourite in general demand	11/6 oz.
VIOLET DE PARME. A variation of the preceding Otto	15/- oz.
WALLFLOWER. Recalls this beautiful old-fashioned flower	10/6 oz.

H. E. STEVENSON & CO.

122 GREAT SUFFOLK STREET, LONDON, S.E. 1.

DODGE & OLCOTT CO.,**20 MARK LANE,
LONDON, E.C.****THE "D & O" BRAND***is the "Standard of Quality" for***OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT,
SASSAFRAS, ETC.****BALSAMS of Copaiba, Peru, Tolu.
TONKA BEANS, Angosturas.****'Phone: 1
CITY 2466.****Telegram: "EGDARF, FEN, LONDON."**

"Lanzone" Lanolin

**The Odourless Adeps Lanæ, B.P. Manufactured by
THE LONDON PHARMACEUTICAL REFINERS, LIMITED,
Martin's Yard, Endwell Road - LONDON, S.E. 4.***In a leading article in the "Medical Press" of June 26, 1918, occurs the following:—*

"I hope that the same effort will be made to abolish Hun drugs as to get rid of Hun dyes. In one direction I am glad to find that this is being seriously attempted. One of the most important bases for ointments is lanoline. Now the English lanoline which is made by the London Pharmaceutical Refiners, Limited, of Brockley, has the merit of being superior to the old German lanoline. The B.P. allowance of fatty acids is '7, whereas this new English lanoline shows only 27. The new preparation is quite odourless, and acid fats do not develop in it by keeping. These are great merits, and show the extreme care with which the refining process has been carried out by the British refiners."

*Sample and Quotations from the Selling Agents:***THE PRODUCE BROKERS' COMPANY, LIMITED, 24 St. Mary Axe, LONDON, E.C. 3.**

Lescol Perfumery

NOTICE.

New and attractive lines will be brought out shortly, and an illustrated catalogue sent out. In the meantime we will send on application a supplementary list of lines in stock, popular in price and advantageous in sale.

We can also offer to advantage Perfumery in Bulk in two qualities—Essential Oils of guaranteed purity; Floral Ottos for Cachous, &c.; Fruit and Soluble Essences, Chemicals, &c.

THE LONDON ESSENCE CO., Ltd.**(Proprietors of THE LESCOL PERFUMERY CO.)****Lomond Grove, Camberwell, LONDON, S.E. 5.****Telephone: 810 HOP.****Telegram: "VANILLIN, CAMBER, LONDON."**



PERFUMES

(Wholesale & Export).

We offer a great variety of
CHOICE PERFUMES
suitable for all markets at
moderate prices.

ILLUSTRATED CATALOGUE ON APPLICATION.

"AVILLIA PERFUMERY"

LONDON FACTORY AND DEPOT:

G. W. RUFF, 95 & 97 Charlotte Street, London, W.1.

ZENOBIA Eau de Cologne and Zenobia Lavender Water, on account of their delightful fragrance and general excellence, are assured of lasting popularity with your customers. Once used, they need no further recommendation.

Ideal as perfumes—refreshing as restoratives—and invaluable as purifiers in the sick-room.

ZENOBIA

**EAU DE
COLOGNE**

**LAVENDER
WATER**

Eau de Cologne

Retail Prices: 1/6 to 40/- per bottle.

Wholesale Prices, per doz.: 13/6 to 360/-

Lavender Water

Retail Prices: 3/- to 25/6 per bottle.

Wholesale Prices, per doz.: 27/- to 229/6.

Less usual discount.

Zenobia Eau de Cologne and Zenobia Lavender Water in the watch-shaped bottles are especially quick sellers; they are most convenient for hand-bag, suit-case or pocket.

**ZENOBIA Ltd., LOUGHBOROUGH,
LEICESTERSHIRE.**

*Attractive and Profitable
Lines which Sell at Sight.*

Norma's Eau de Cologne & Lavender Water

QUALITY PAR EXCELLENCE.
PACKED IN EXCLUSIVELY
DESIGNED BOTTLES & LABELS

PRICES:

	per Doz.		Retail
Eau de Cologne, 2 oz.	25/6	...	3/-
" 4 oz.	45/-	...	5/6
Lavender Water, 2 oz.	28/6	...	3/6
" 4 oz.	52/6	...	6/6

Also in larger sizes *pro rata*.

SPECIAL QUOTATIONS for QUANTITIES

From your Wholesale House, or

WALDEN, WALDEN & CO.

Manufacturing Perfumers,

89 Great Portland St., LONDON, W. 1

Cresp-Martineng

(Grasse, France),

Manufacturers of

ESSENCES & PRIME

MATERIALS for MANUFACTURING

PERFUMERS,

CONFECTIONERS,

ETC.

SYNTHETICS,

ARTIFICIAL VIOLETS

(MYRIONE),

ARTIFICIAL MUSK.

ENQUIRIES SOLICITED. LARGE STOCKS

ROBERT FERBER, LTD.

92/104 OAKLEY STREET,
LONDON - S.E. 1.

Agents for
the UNITED
KINGDOM &
CANADA.

F. M. RUDD,

Bronson,

MICHIGAN,

U.S.A.

GENUINE AMERICAN PEPPERMINT OIL

"Columbia" Natural
"Diamond White"
Re-distilled.

Finest qualities for Druggists,
Distillers and Confectioners.

Sole Consignees in United Kingdom—

R. W. GREEFF & CO.

Thames House,

Queen St. Place, LONDON, E.C.

PERFUMERS ! SHORTAGE OF LABOUR

Advertisers are prepared to undertake the blending of Shampoo, Tooth, and other Toilet Powders, in large or small quantities at lowest possible rates. Good workmanship and prompt delivery. Ingredients supplied if desired at lowest market prices, Write stating requirements.

MARTIN & CO., 71 City Road, Finsbury, London, E.C.1.

The Evan-Williams

Always in Great Demand.

Price List on Application.

The Evan-Williams Co., Ltd., 18, Ogle Street, W.1.

ORIGINAL HENNA SHAMPOO.

ROURE BERTRAND FILS, GRASSE.

Established
1820.

LAVENDER (French), SPIKE LAVENDER (French and Spanish)

NEROLI, GERANIUM (AFRICAN and BOURBON), SANDALWOOD, PETITGRAIN (FRENCH and AMERICAN),

VETIVER (JAVA and REUNION), ROSEMARY, BOIS DE ROSE FEMELLE, YLANG, &c.

ORRIS CONCRETE and LIQUID.

ESSENCES, SOLIDES and LIQUIDS from flowers.

RESINOIDS and POMADES

We have Stocks in London of the most important Essential Oils and Perfumery Products.

JUSTIN DUPONT, Argenteuil (S. & O.), France

Makers of SYNTHETIC PERFUMES

and some of the finest original odours extant, for Sachets, &c.

SOLE AGENTS FOR THE UNITED KINGDOM:

STEPHENS BROTHERS & CO., 2, 5, & 6 Bury Court, St. Mary Axe, London, E.C.3.

Wholesale Houses only supplied.

PURE SPANISH ESSENTIAL OILS

(LONABARC BRAND).

FENNEL (SWEET & BITTER)

ANISEED

COGNAC (WHITE & GREEN)

ABSINTHE

SAGE

ROSEMARY

SPIKE LAVENDER

GERANIUM

THYME (RED & WHITE)

PENNYROYAL

ORANGE

LEMON

BERGAMOT

NEROLI

PETITGRAIN

CHAMOMILES

LAVENDER FLOWERS

STRAMONIUM

QUINCE SEEDS

Write for samples and prices to LONABARC TRADING CO. LTD., 5 FINSBURY SQ., LONDON, E.C. 2.

Telegrams: "LONABARC, AVE, LONDON."

Phone: LONDON WALL 9020.

A Huge Success!

"PREEMO"

CONCENTRATED ESSENCES, FLORAL OTTOS AND COMPOUNDS.



Ever Since

we commenced our present advertising campaign the demand for the Preemo Specialities has increased in an extraordinary manner, but our works are now running at full swing and we are able to deal with all orders with reasonable promptitude.

A Reminder

A few firms to whom we have sent samples have not yet responded, and we respectfully suggest that they send us a trial order, however small. If they will only put the Preemo products to a fair test we are sure they will become as enthusiastic about them as we are ourselves.

The PREEMO Concentre and Essential Oil Co.,
63 High Holborn, London, W.C. 1.

Telegrams : "Appremona, Holb., London."

Telephone : Holborn 3095.

Paris Address : 32 Rue de Montenotte.

Telephone : Wagram 27 & 35.

BIDWELLS' LTD.

RELIABLE TOOTH BRUSHES.

Gloria Silverdrawn, -	18/-
Mitre - - -	14/-
Elephant - - -	12/-
Anchor - - -	10/-

GROSS LOTS NAMED FREE. CARRIAGE PAID.

We do not Sell Foreign Tooth Brushes.

A selected £10 parcel of Hair Brushes from 30/- to 100/- per doz., carr. paid.

Made at our Factories, AXMINSTER, DEVON.

SHAVING BRUSHES

with Boxwood, Metal or Bone handles.

REAL BADGERS

Nickle plated Shaving Bowls.

IODINE BRUSHES,
THROAT BRUSHES,
CAMEL HAIR PENCILS.

VARNISH & PAINT BRUSHES.

Also Puffs and Puff Boxes,
Pocket Combs, Hair Brushes.

Wholesale and Export only supplied.

A. E. DEPRETER,
24 HOLBORN, LONDON, E.C. 1.

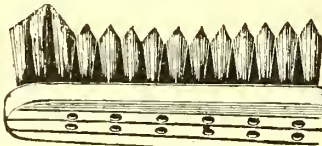
Telephone : Holborn 3182.

Telegrams : "Aedep elon, Smith, London."

ROBERT ADDIS & SON, — Tooth Brush Manufacturers, — London Brush Works, London Fields, N.E.

The "ASEPTIC" or "PROPHYLACTIC."

When not in use, a Tooth Brush should not be allowed to remain wet, or it becomes offensive. The advantage of this Brush is—it can be hung up to drain, allowing the air to dry and purify it.



REGISTERED NO. 593,367.

ENGLAND

VENTILATED, IMPROVED.

Best Quality	18/-	per dozen.	Each in carton.
No. 1 " " " " " "	13/6	" " " "	" " " "
Child's Size, Best Quality ...	10/-	" " " "	" " " "

To be obtained from Wholesale Houses. Packed in cartons, facilitates sales and ensures brush reaching user in clean and antiseptic condition.

TOOTH BRUSHES

A few gross left.
4-row with trans-
parent handles.
Fine quality.

Price 84/- gross for the lot, or 90/- single
gross. Sample dozen 8/-, cash with order.

D. W. BULL, 4 Churchill Rd., Homerton, E.9.

All Chemists and Stores adjacent to Theatres and Music Halls should stock the famous

LEROZA Theatrical Cold Cream and Grease Paint Remover.

Used and recommended by all the leading Artists, including The Two Bobs, Ernie Mayne, Miss Victoria Monks, Shaun Glenville, and scores of others too numerous to mention. Sells at 1/6 per tin box (about 10oz.) costs 12/3 per dozen carriage paid. Cash with order.

From the Sole Inventor and Manufacturer, ARCHIBALD MOLE-FLOYD
The LEROZA THEATRICAL STORES, 71, 73 & 75 Cambridge St., Glasgow.

LABELS for Perfumery of all kinds

SAMPLES SENT ON REQUEST.

LARGE SELECTION OF STOCK DESIGNS.

DOUIN & JOUNEAU, French Lithographers, 3 rue Papin, PARIS.



There is a big Demand
for

EUCRYL TOOTH POWDER

a bigger demand than ever before. People realise the importance of keeping their teeth clean, wholesome and fragrant. All the modern dentists are unconscious advertisers for the best dental preparations, and EUCRYL TOOTH POWDER is recommended constantly.

The word soon passes on, because a powder such as EUCRYL, with its pleasing taste, powerful antiseptic qualities, saves teeth decay. And your part Mr. Chemist is to sell EUCRYL TOOTH POWDER all you know how, and make the biggest profit on every tin you hand over the counter—its surely worth while.

EUCRYL Ltd. 61-63 LANT STREET, SOUTHWARK,
LONDON, S.E. 1

The **AMAMI** way to **MANICURE**



Counter Display Box

FIRST file with long **EMERY BOARD** (12/- a doz.), then soak in **AMAMI LIQUID SOAP** (12/- a doz.), clean under the nail with an **ORANGE STICK** (12/- a doz.), dipped in **CLEANSINE FLUID** (8/- a doz.), push back cuticle with an orange stick dipped in **CUTICLE CREAM** (8/- a doz.), remove loose cuticle with **CUTICLE FLUID** (8/- a doz.), tint with **RUBY COSMETIQUE** (8/- a doz.), polish with **POLISHING CREAM** (8/- a doz.), or **NAIL CRAYON** (6/- a doz.), or **NAIL POWDER** (8/- a doz.), and cover with **VARNISH** (12/- a dozen); whiten hands with **SUC DE GARDENIA** (20/- a doz.).

10% CASH BONUS for a £5 **WINDOW DISPLAY.**

COUNTER CASE FREE, 5% cash with order. Carriage and packing free.

PRICHARD & CONSTANCE (Wholesale) Ltd.

COURT PERFUMERS
469 Holloway Road

ESTABLISHED 1831.

LONDON, N.

The Popularity of "Harlene Hair Drill."

EVERY DAY EMPHASISES THE NECESSITY
FOR MEETING THE PUBLIC DEMAND.

The widespread publicity initiated by the Proprietors of "Harlene" over a number of years and vigorously maintained right up to the present time, in spite of many difficulties and increasing expense, continues to draw an immense response from all parts of the country. Thousands of sample parcels are dispatched daily, thus increasing the number of possible customers to retail stores everywhere.



NOTE—The Contents of the Free HARLENE OUTFITS comprise:

- | | |
|-------------------------------|---|
| 1. A Trial Bottle of Harlene. | 3. A Trial Bottle of "Uzon" Brilliantine. |
| 2. A "Cremex" Shampoo Powder. | 4. Book of Instructions. |

FOLLOW THE TIDE OF SUCCESS.

Watch the great Free Gift Advertising Campaign that brings the Customers to your Shop.

HAVE YOU A GOOD STOCK OF "HARLENE HAIR DRILL" PREPARATIONS?

*No Chemist or Store can afford to be without
: this unique line of Toilet Preparations :*

"HARLENE" FOR THE HAIR

"ASTOL" FOR GREY HAIR

"UZON" BRILLIANTINE

"CREMEX" SHAMPOO POWDERS

"ASTINE" VANISHING CREAM

"ASTINE" SHAVING STICK

"ASTINOL" AROMATIC FLUID.

For Particulars, Terms, &c., write to

EDWARDS' HARLENE, Ltd., 20, 22, 24 and 26 LAMB'S CONDUIT
STREET : : : LONDON, W.C. 1.

IMPORTANT.

TETLOW'S

"SWAN DOWN" FACE POWDER.

Please note that owing to the great loss on American Exchange, we are compelled to advance the price of "SWAN DOWN" FACE POWDER as under :

7/- per dozen. P.A.T.A. Retail Price 10½d. per box.

This price gives a still larger profit to the Retailer.

**FULL STOCKS WILL SHORTLY BE AVAILABLE
direct or through your Wholesale Houses.**

A larger Advertising Campaign is about to start in all Ladies' and other papers.

HENRY C. QUELCH & CO.

4 & 5 Ludgate Square, LONDON, E.C.4.

KUTSEAL

THE LIQUID COURT PLASTER

ALL-BRITISH

Minimum Retail Price

1/3

Wholesale Price

11/6

PER DOZ.

CARRIAGE PAID on ORDERS of 30/- upwards.
2½% DISCOUNT for CASH in 7 DAYS.

Sole Makers—

THE KUTSEAL CO., BLACKPOOL

BOTTLES

TOM LAYCOCK & CO.

(Tom Laycock, Proprietor),

**ISLES GLASS WORKS,
Holbeck Lane, LEEDS.**

We can supply :—
Amber Blands, Brilliantines, Corn Solvents, Colognes, Limes in white, amber and actinic green, Medicals, Mexicans, Malt Jars, Pomade, Face Cream, and Vaseline Jars, Poison, in blue and actinic green, Perfumes, Vials, etc.

WHOLESALE ONLY.

Write for prices, mentioning quantities and deliveries.

INDEX TO ADVERTISERS,

Pages 5 and 6.

ART OF DISPENSING. (9th Ed.) 8/-, by post 8/6.

VETERINARY COUNTER PRACTICE. 6/-, by post 6/6.

CHEMIST'S DICTIONARY OF MEDICAL TERMS. 3/6, by post 3/10

THE CHEMIST AND DRUGGIST, 42 CANNON ST., E.C.4.



A Profitable New Line

Icilma Flesh-Tinted Cream gives the *same high ratio of profit* as our other Toilet Preparations. Packed in a dainty carton printed in Vermilion—Brown—Buff and White with striking showcard to match, it makes an attractive window display.

This is what we say about it in "The Icilma Way to Beauty" Booklet (page 14)—*and every word is true.* You can sell and recommend it with confidence.

"Icilma Flesh-Tinted Cream is a specially prepared form of Icilma Cream with Icilrose added, for giving colour to those who suffer from pallor. It is absolutely unique, and not merely a rouge. The natural warm tint it gives to the cheeks and lips is so true that it cannot be detected. Not only harmless but actually beneficial—the virtue of Icilma Cream being in no way altered or reduced. When the stimulating action of Icilma has restored natural colour to the skin, ordinary Icilma Cream can be substituted if desired."

It is good value at 1/6 per pot and sells well—*our advertising helps you there.* Wholesale 15/- per dozen—*details of special display parcel terms, showing discounts for window show, sent on request.* Order some in your next parcel.

Icilma

Flesh-Tinted Cream

Stock our goods and share our success.

**Supplies now Normal
Pre-War Quality Guaranteed**

Manufacturers—Icilma Company, Limited,
Sole Distributors—International Icilma Trading Co., Ltd.,

37, 39, 41, 43, King's Road,
ST. PANCRAS, London, N.W. 1



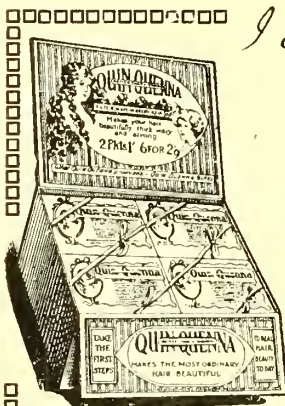
WAVCURL

THIS article has now been sufficiently long before the public to enable them to sample its merits. This the public have done on a large scale, and many delighted users have come again and again to the retailers they buy from for further supplies. The demand has been extraordinary. At first the proprietors tried to cope with it per post, but they soon saw that this was too cumbersome and tedious a method, and they are now gladly availing themselves of the services of the trade. Wavcurl is a first-class seller and a first-class payer, too. The profits are all they should be on a toilet line, as any reader can see for himself in the P.A.T.A. Protected List. Forty per cent (40%) should surely awaken your interest, especially in a line that sells at sight. All classes of ladies, from the titled dame to the busy factory worker, are using it as their readiest means of keeping themselves attractive, notwithstanding the great demand there is just now upon their time. To the user it is a great time-saver; to the seller, a great money-maker. We invite your application for Showcards and Dummies for window-dressing. A Wavcurl window-show in an industrial or factory area will simply make the shillings shower into your till. Address post card to

THE WAVCURL CO.,
FULWOOD HOUSE, HIGH HOLBORN, W.C.1

Per doz.	Per doz.
1/6 Wavcurl (in packets) ... 9/-	1/6 Duvetine (Superfluous Hair Remover) ... 9/-
2/9 Wavcurl (in bottles) ... 21/-	1/6 Wavcurl Hair Tonic (9 in Powdered Form) ... 9/-
1/6 Complexion Cream ... 10/-	1/6 Eyelashine ... 9/-
2d. Shampoo Powder ... 15/- gross.	Showcards for Window Dummies for Show / charge

Agents: PARIS.—A. W. Scott, 38 Rue du Mont Thabor. CANADA.—W. W. Barry, 1 Port Street, Montreal.



I can come if

YOU LET ME
BRING ALONG
3x6 DOZ. CAR-
TONS AND A
3 DOZ. BONUS
FOR YOU. I
WILL PAY MY
OWN FARE.
THANK YOU!

Yes, and I will guarantee to sell "QUIN QUENNA" as it was never sold before. I have done this already some hundreds of times, and I guess you're not going to be the exception. Put me in your window daily, and I'll do the rest. A postcard inviting me isn't hard to write!

4/- PER DOZ. **YOUR 100 0/0 PROFIT** **P.A.T.A. EACH 6d.**

The Sepia Screen Show is a winner—no error.

"The Quin Quenna GIRL"
BETTER THAN A SHAMPOO

THOS. CHRISTY & CO., OLD SWAN LANE,
LONDON - - - E.C.4.

**WE MAKE
GLASS
BOTTLES**



All kinds, Shapes and Colours.
Plain, Screw-capped and Stopped.

GEO. C. FORSYTH,

A. RUCH & CO., LTD.

28 Martins Lane, Cannon Street,
LONDON, E.C.4.

**Only Wholesale
Quantities Supplied.**

Phone: Central 4799. Telegrams: "Sennock, Cannon, London."

KOPATINE FOR THE HAIR

For the Chemist Kopatine is a profitable line. The packings are exceedingly attractive—the best in the trade. Because of this alone, Kopatine sells at sight.

Kopatine is advertised regularly in the leading publications your customers read, including the Lady, Queen, Ladies Field, Lady's Pictorial, Vogue, Gentlewoman, Weldon's, Nash's Magazine, Strand Magazine, Coming Fashions, Daily Mirror, London Mail, Leach's, Sketch, Tatler, &c.

Kopatine No. 1.—A high-class plain shampoo. Retail at 3d. per packet.

Kopatine No. 2.—A splendid Henna shampoo. Retail at 1/- per packet.

Kopatine Al-Khanna.—A permanent hair-colouring shampoo. Retail at 6/6 per case.

Kopatine Instantaneous.—A liquid hair colouring (6 primary shades from blonde to black). Retail at 6/6 per case.

Link your Shop with our advertising by making a Kopatine display.

Write for wholesale list.

Of Osborn, Garrett & Co., Ltd., and usual Wholesalers, or direct from—

Kopatine Cie (Dept. 22), 34 Buckingham Palace Road, London, S.W. 1. Telephone: Victoria 2648.



**OVER 100% PROFIT
ENSURED & PROTECTED (P.A.T.A.)
for sellers of**

Laurence's Hair Dyes

One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

Size.	Minimum retail.	Minimum wholesale.	
1/-	1/-	7/6	
1/6	1/6	9/-	per doz.
2/6	2/6	15/-	less 5%
3/6	3/6	21/-	discount.

SPECIAL BONUS

Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).

Do. 6 doz. do. 8 bottles gratis.

Do. 12 doz. do. 18 bottles gratis.

Equivalent in the case of the size in most general demand, viz. 1/6 size, to 4/6, 12/- and 27/- respectively.

SOLE PROPRIETORS—

C. R. HARKER, STAGG & MORGAN, LTD.

DEVON WHARF,

Emmott Street, Mile End, London, E.1.

IMPORTANT.

WILL Retail Chemists kindly note that
ORISAL MOUTH WASH
for PYORRHEA

is now prepared only in a highly concentrated form at 4/9 per bottle retail, the contents being four times the strength of those hitherto retailed at 2/9.

WHOLESALE PRICES.

Mouth Wash (including Govt. duty, 12/-)
48/- per doz.; Retail 4/9 per bot.

Dental Paste (including Govt. duty, 6/-)
23/- per doz.; Retail 2/3 per tube.

Obtainable from the principal wholesale houses, or direct from

ORISAL LTD.

77 GEORGE STREET,
PORTMAN SQ., W.1.

THREE GOOD SELLERS THAT PAY WELL

FROZOCLONE

(The original solid Eau de Cologne).
(Regd.)



THE WORLD'S GREAT
PERFUME AND
REFRESHER IN
SOLID FORM

Retails (P.A.T.A.)
Minimum - 3/-
giving at least 10d. Profit
on each sale.
26/- per doz.

FROZOCLONE is a convenient form of the finest Eau de Cologne, refreshing when rubbed on the forehead, equally pleasant as a smelling bottle, invaluable in a heated atmosphere and when motoring.

CARNATE (Regd).

A NAIL POLISH PASTE with new and distinctive features. Antiseptic—Softens the cuticle—Brilliant and lasting polish.

Retails (P.A.T.A.) minimum 1/6; 12/- per doz.

ANALAX

(Reg. Pat. No. 310716)



The Ideal Fruity Laxative in Pastille Form.
DELICIOUS. RELIABLE. EFFECTIVE.

Retail (P.A.T.A.) Minimum 2/3
21/- per doz., stamped.

R. DEMUTH'S LABORATORIES, 68 Salusbury Road and
Montrose Avenue, LONDON, N.W. 6

Telegraphic Address: "Boulbene London."

Telephone: 525 Willesden.

Please Note Alteration in ADDRESS.

Cold Cream

IN POTS, TINS, OR BULK.

ABSOLUTELY DEPENDABLE.
BRINGS REPEATS EVERY DAY.

Lavender Ice

FOR CHAPPED HANDS

A QUICK WINTER SELLER.

ALSO

Lanoline Cream, Lip Salve,
Camphor Ice, Tooth Powders,
Brilliantines, &c.

Samples free on application to

The Casson Chemical Co., Ltd.,
NEWTON RD., WESTBOURNE GROVE, W.2

Phone: Park 2884.

"SOFTO" Tablets

for Chapped Hands and Tender Feet.



The Line that
SELLS!

Retail Price - 2d.

Wholesale 12/- per
gross.

"Softo" Shampoo Powders

Retail Price 2d. (7 for 1/-).

Wholesale 9/6 per gross.

"SOFTO" FACE POWDER

Three tints—White, Pink and Cream.

Retail 6½d.

Wholesale: 1 dozen, 4/6; 3 dozen, 12/-
1 gross (with 4 dozen bonus) 50/-

Net. Carriage Paid.

SOFTO MANUFACTURING CO.

33 Edgware Road, London, W. 2.

Gibbs' Toilet Preparations

now consists of:

The whole of
this Series
is eligible for the
"John Bull"
National Win-
dow-Dressing
Competition.

GIBBS' SHAVING SOAP —Cold Cream, in. enamel sticks	Retail Price 7d. & 1/-
In nickel sticks...	1/3
GIBBS' DENTIFRICE , in aluminium cases	6d. & 1/3
Refills for 1/3 case	10d.
In tubes for those who prefer a paste	1/3 per tube
GIBBS' COLD CREAM FOAM (a Vanishing Cream)	1/- per jar
GIBBS' COMPLEXION CREAM , in tubes	1/- per tube
GIBBS' TALCUM POWDER , in flasks	1/- per flask
GIBBS' SHAMPOO POWDERS —In boxes of five 3d. pkts.	1/-
Each 3d. packet contains three shampoos.	
GIBBS' CRYSTALLISED BRILLIANTINE	
In enamelled metal boxes	1/-

All the above are well advertised and show you splendid profits.
Write for our Price List if you have not received one already.

D. & W. GIBBS, LTD., London & Paris.

**SELLS QUICKLY AND
Brings Custom**



VIOLIV ICE, for Chapped Hands, Frostbite, etc., has secured a ready sale and many repeat orders. Every Chemist should stock it.

Attractively packed in tastefully coloured cartons, suitable for counter and window displays. Showcard and window-bills free with each order. The Showcard sells the goods.

A profitable line, retailing at 4d. per packet, and costs 36/- per gross, with a Free Bonus of 3 dozen with each gross for cash with order. Half-gross lots with 1 dozen bonus 18/- carriage free. Prompt and quick dispatch.

VIOLIV ICE is so good that it makes a customer, and is noted for its repetitious powers.

THE VIOLIV MANUFACTURING CO.
26 Haymarket Terrace, EDINBURGH.



**Profit by the
Growing Demand
for Snowfire**

Large numbers of women doing outdoor or indoor work are buying Snowfire regularly. They have discovered its cleansing, softening and beautifying influence upon the skin—how it keeps the hands white and dainty.

Snowfire

Sells all the year round. Specially valuable in winter for Chapped Hands, Cracked Lips or Roughened and Irritated Skin.

Well advertised. Shows good profits. Attractive publicity matter free. Goods carriage paid to your door. For Price List write

F. W. HAMPSHIRE & CO.
RIVERSIDE WORKS, DERBY.



IMMEDIATE DELIVERY

ALSO GOLDBEATER'S SKIN FOR MEDICAL PURPOSES.

GATES' BOTTLE CAPPING SKINS

THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.

SNOW-WHITE OPAQUE ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. Used by all the Leading Perfumery and Drug Houses. ABSOLUTELY AS OPAQUE as Split Skins and equal in appearance.

"Mine beat all others."

**"SOLE PIONEER"**

and Only English Manufacturer:

LESLIE GATES
HAILSHAM, SUSSEX.

Another New Speciality.—Try my TRANSPARENT SHEEP BAUDRUCHE CAPPING SKINS.

To Perfumers and Druggists.

If you wish to get the best value for money follow the lead of all large consumers, and place your orders for

BOTTLE CAPPING SKINS

OPAQUE and TRANSPARENT, with

Robert Rawley,

**149 Gray's Inn Road,
LONDON, W.C.1.**

My Capping Skins are known to all large consumers to be the best on the market both for quality and price. They are all manufactured in London. Write for samples and particulars and compare with your present supplies, and see what I save you.

OPAQUE ROLLED SKINS made to order if required.

PLEASE NOTE MY ONLY ADDRESS:

ROBERT RAWLEY,

Harcourt House,

149 GRAY'S INN ROAD, LONDON, W.C.1.

THE BEST

GUMMED PAPER

made is only just
good enough

FOR A DOCTOR TO USE.

Ask for


Jones'

*Superfine Pure Gummed
Paper*

(It Won't Curl).

Samuel Jones & Co.,

**Bridewell Place, London,
E.C.4.**



"Many hands make light work."

IF YOU ARE
SHORT OF HANDS
USE

SEMREH

BOTTLE CAPS.

They are
SELF-FIXING
and so simple to use.

The VISCOSÉ
Development Co., Ltd.
BROMLEY, KENT.

FERTILISERS

Insecticides and
all Horticultural
Specialities and
Sundries.

Catalogue on application

HUNTER & GOW, LTD., 200 Thomas Street, LIVERPOOL.
Manufacturers and Wholesale Suppliers of everything for the Garden, Allotment and Greenhouse, such as "Abol," "Vaporite," Twines, Sticks, Labels, Clays, Nicotinic, etc.

Farmers protect Crops from **BIRDS and ROT** by using
CORVUSINE D.G. A Household Word with them.

Well Advertised. No Trouble to Sell.

Fix up your Agency now.

Liberal terms and particulars from Manufacturers—

HAWKER & BOTWOOD, Ltd. 59 Mark Lane, London, E.C.3.

PAPIER POUDRÉ

AND "POPPŒA" PREPARATIONS.

TRADE



MARKS

**BRITISH MADE
GOODS**

**Our Sunburn Tint
For Landworkers
and
Seaside Visitors.**

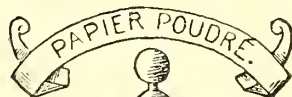
"LEHCARESOR."

Papier Poudre

Booklets - - - 8d. & 1/4
5/- & 10/- per doz. net.

Beware of Spurious Imitations.

REGISTERED



PAPIER POUDRÉ, LTD.
20 Baker St., Portman Sq., London, W.
and in Paris.

NOTE OUR TRADE MARKS, AS ABOVE.

NEW PAPIER POUDRÉ PRICES.

WHITE, ROSE, or RACHEL Tints, 4d., 6d., 8d., and 1/4 size Booklets,
2/8, 3/9, 5/-, and 10/- per dozen net respectively.

SUNBURN TINT, 8d. and 1/4 sizes only, 5/- and 10/- per dozen net.

REFILLS to MIRROR CASES in WHITE or RACHEL 2/8 per doz. net.
1/4 SHAVING PADS, FOR USE AFTER SHAVING (unscented, white only) 10/- " "

THE ALL-BRITISH "POPPŒA" PREPARATIONS.

"Poppœa"

NEW PRICES.

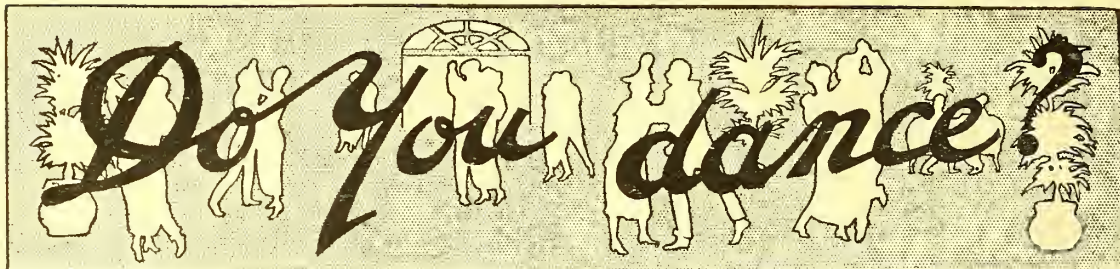
ROUGE is most popular. It is put up in most convenient form, and is Nature's Understudy.

IN PADS, 8d. each.
5/- per doz. net.

IN MIRROR CASES, 1/4 each, 10/- per doz. net.
REFILLS, 6d. each, at 3/9 per doz. net.

"POPPŒA" MASSOLINE SKIN FOOD, in Jars, 1/2, 2/6 & 3/6 each; 9/6, 24/ & 28/- doz. net respectively
"POPPŒA" CIRCASSIAN CREAM " 1/2, 2/6 & 3/6 " 9/6, 24/- & 28/- " "
"POPPŒA" CRÈME POUDRÉ, in Bottles, 1/2 & 3/6 each; 9/6 & 28/- doz. net respectively.

PAPIER POUDRÉ, Ltd., 20 BAKER STREET, LONDON, W.1.



**A Medical opinion of
DULC-O-DO.**

"I have tried Dulc-o-do in cases of excessive perspiration of feet, axilla, etc., and it has succeeded after Formalin, Belladonna, etc., have signally failed. I myself have suffered from excessive perspiration in the axilla, due to Malaria, which I got in India several years ago. I have also tried it, and it has completely relieved the condition. It seems to me a most excellent preparation."—Dr. H—
M.B. Ch. B.

Mr. PHARMACIST!

We have many customers in your district who write us in this style:

Dear Sirs,—Kindly send me two more bottles of Dulc-o-do. I may say it is the finest thing I have ever tried. It should be better known, as there are so many useless preparations sold for this purpose.

Yours truly, S. M.

DULC-O-DO is a harmless toilet water which corrects excessive perspiration, makes dress shields unnecessary and instantly removes its odour. Well advertised in ladies' papers. May we add your name to our depot file and direct all inquiries from your locality to you.

Send 20/- for sample dozen, showcards and best terms. Minimum retail 2/6

SCOTT'S CHEMICAL CO.
47 Huddlestons Road,
Willesden, London, N.W.2



The Harmless
Toilet Water
for
**EXCESSIVE
PERSPIRATION**

Dulc-o-do

For LARGE BUYERS

For SHIPPERS

Good Toilet Goods

SHAVING STICKS,
BRILLIANTINES,

DRY SHAMPOO (Liquid and Powder), BAY RUMS, TOILET
PARAFFINS, LIME CREAMS, POMADE HONGROISE,
TOOTH POWDERS, DENTAL CREAMS, VANISHING
CREAMS, SHAMPOO POWDERS, and all TOILET GOODS.

SAMPLES AVAILABLE.

C. A. STOKES & CO., Ltd., 11 Eclipsol Works, BRISTOL.

REPUTATION COUNTS.

"Camilatone" Camomile Tonic SHAMPOOS

are the most popular hair beautifying preparations on the market.

PROFITABLE LINES.

Once sold, always asked for.

Supplied direct by

The CAMOMILE TONIC Co.

16 Lichfield Rd., Cricklewood, N.W.2



1/- line, for brightening only, 7/- per doz.
5/6 " " " " " " 42/- "
2/- " " " " " " 14/- "
5/6 " " " " " " 42/- "
1/6 " " " " " " 10/- "

5 packets in box.



Whitecross Baby Powder

British make throughout.
In smartly decorated tins, with
sprinkler and dome top.
P.A.T.A. 10½d. ; 6/- per doz.



Peach Bloom Face Powder

British Make throughout.
NO ADVANCE IN PRICE.

In various tints.
P.A.T.A. 7½d. ; 3/6 per doz.

Whitecross Tooth Powder

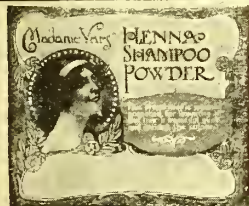
British Make throughout.
Being a first-class article, packed in smartly decorated tins.
Two sizes, 3/1 and 5/3 per dozen.
The Whitecross Baby Powder and Tooth Powder have
both obtained the Certificate of Merit of the Institute
of Hygiene

Menthol and Menthol & Eucalyptus Snuff,

in special decorated tins. On the P.A.T.A. at 4½d. ;
2/9 per dozen.

Tooth Paste in Collapsible Tubes.

All varieties, 5/- and 6/9 per dozen; also a special new
line "Antiseptic," each in carton 5/3 per dozen.
Lanoline, Oatmeal Cream, Witch Hazel, Antiseptic Honey
Jelly, etc., in tubes, 5/- and 6/9 per dozen.



Madam Var's Henna Shampoo

Very smart wrapper in
eight colours; loose 22/-
per gross, one show box
with each gross. Packed
seven in a box, 13/3 per
dozen boxes.



TOILET PARAFFIN, 2½ oz., 8/- per dozen; 5 oz., 11/3 per dozen.
BAY RUM, 2½ oz., 6/9 per dozen; 5 oz., 8/6 per dozen.
FIXA'S HAIR CREAM, 2½ oz., 7/6 per dozen; 5 oz., 9/9 per dozen.
EAU DE QUININE, 10/- per dozen.

Bay Rum and Cantharides, Brilliantine, Cold Cream and
dozens of other lines. Price Lists on application.

DECORATED TINS and Plain in variety, all sizes, from
2 dr. upwards. Whitecross Ointment Tins, Vaseline, Fuller's
Earth, Violet Powder, Tooth Powder, etc. etc.

Ready *Again*.—Ointment Tins with buyer's name round edge,
and plain centre for labels. Write for particulars.
SPECIAL DISCOUNTS TO LARGE BUYERS.

The CHEMISTS' MANUFACTURING Co., Ltd.

with which is
incorporated **SHIRLEY BROS.**

Whitecross Works, Rockingham Street, S.E. 1.



"T.M." NEVER LETS YOU DOWN.

"T.M." SMOKER'S TOOTH POWDER & PASTE

Sells on sight, because always Press advertised, and
are Real Smokers' Dentifrices, not just an ordinary
paste "dressed up" and so-called. Moreover,
the above multi-coloured display never yet failed a
chemist in sales. Therefore, get one while you may.

"T.M."
SMOKERS'
POWDER

Per 3/9 Doz.

P.A.T.A.

7½d.

PER TIN.

YOUR
P.A.T.A.
PROFIT
IS ONE
WELL
WORTH
WHILE

AND
YOU
ONLY
SHOW
TO SELL

"T.M."
SMOKERS'
TOOTH PASTE

Per 9/9 Doz.

P.A.T.A.

1/3

PER TUBE.

YOU GET THE "CHEERFUL T.M." WINDOW SHOW IF

you send along a postcard saying "Send
me 6 dozen Paste and 6 dozen Powder
along with 'Cheerful T.M.' " that's
all, but

**SEND
NOW**

THE WAY
TO ADDRESS
THAT P.C.
IS

THOS. CHRISTY & Co.
4/12 Old Swan Lane,
LONDON, E.C. 4.

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

		Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP	-	10/-	1/-
A complexion soap.			
PROLACTUM	-	10	1/-
For the lips.			
PARSIDIUM JELLY	-	10	1
For wrinkles.			
ALLACITE of ORANGE	22 6	2 6	
A dressing cream. BLOSSOM			
BORANIUM	-	22 6	2 6
A hair tonic.			
CLEMINITE	-	22 6	2 6
For a face lotion.			
COLLIANDUM	-	22 6	2 6
For a face tint.			
PERGOL	-	22 6	2 6
A deodorant.			
STALLAX	-	22 6	2 6
For a shampoo			
JETTALINE	-	31 6	3 6
For clearing the skin.			
PHEMINOL	-	36/-	4/-
A depilatory.			
MENNALINE	-	36	4-
For the eyelashes.			
MERCOLIZED WAX	31 6	3 6	
A face cream.			
STYMOL	-	36/-	4/-
For oily complexions and blackheads.			
BARSYDE	-	22 6	2 6
Dandruff eradicator.			
TAMMALITE	-	22 6	2 6
For grey or faded hair.			
LIQUID PERGOL	-	31 6	3 6
To check excessive perspiration locally.			
BICROLIUM	-	22 6	2 6
For whitening the hands.			
HARAPOSA	-	22 6	2 6
Nut oil shampoo.			

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

- AUSTRALIA:**
ALL WHOLESALE and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.
- SOUTH AFRICA:**
LENNON & CO., Ltd. (Cape Town).
SIEVE BROS., & KARNOVSKY (Johannesburg).
- INDIA:**
KEMP & CO., Ltd. (Bombay).
R. MACLURE (Madras).
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta).
JAMNADAS BROS. (Bombay).
- NEW ZEALAND:**
SHARLAND & CO., Ltd. (Auckland & Wellington).
- SOUTH AMERICA:**
DEARBORN, Ltd., Calla Salta 264, Buenos Aires.

Our lines are genuine.

Largo bottles of
Pomade Hongroise
Styptic Pencils
Nail Polish
Cloth Cleaners

Antiseptic Shaving Blocks
Lazor Paste etc

Should write to :-

Delphinus Mfg. Co.,
45 Edward St.,
Brighton.

Telegrams. Sussex.
"Hongroise, Brighton" England.

Export to all Countries.

Sell the article that pays for itself.

Best attention to all orders received.

"Strodonia"

VANISHING CREAM

For displaying a small showcard, we make the following offer on INITIAL DIRECT ORDERS (One parcel only):-

1 dozen 7½d. selling for 11 3
1 3 4 " 1/- " 9 0

For 10/- cash with order, carriage paid. 20 3
7½d. and 1/- - - - 5/6 and 9/- per dozen.

From London Wholesalers.

Direct Orders value £5 subject to 10% discount and
1 doz. 1/- size bonus for window display, showing
38% on Turnover.

STRODE COSH & PENFOLD, LOWER UNION ST., BRISTOL.

First-class Pharmacies are never without

SOTOL

Antiseptic Mouth & Throat Wash
Non-Carbolic Tooth Powder
Tooth Paste

From all Wholesalers or direct from

THE WESTERN DENTAL Mfg. Co., Ltd.

74 Wigmore St., London, W.1.

Laboratories—West Ealing, W. 13.

Advertising matter free on request. On the P.A.T.A.

**SALES
BEAT ALL RECORDS.**

INDIAN PERFUME BRICK

**KEEPS AWAY MOTH.
LASTING & FRAGRANT.**

**PERFUME
BRICK**

FOR LINEN CUPBOARD AND WARDROBE.

Retail Price, 6d.

Of the Makers:

ALBERT WILLIS & ARTHUR, Ltd.
8 Mortimer St., London, W.
AND ALL WHOLESALERS.

MOUSLEY'S 'BEAVERPUFF'

Patent Nos. 4931 and 4932.

The Ladies' Natty Friend.



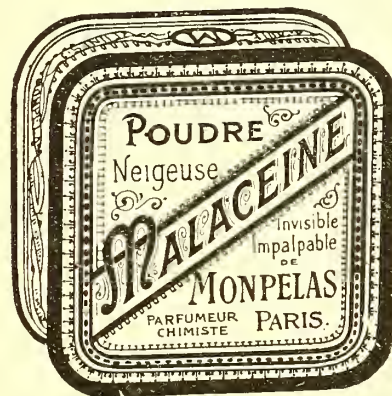
Just out. Demand great.
Delightfully soft in use.
Superior to artificial Puffs.
Write for Prices and Terms

F. A. MOUSLEY
(MAKER)

Priest Bridge, Mortlake,
London, S.W. 14.

POUDRE MALACEINE

MANUFACTURED BY
**PARFUMERIE MONPELAS,
PARIS.**



No. 67, Small ... 25/- doz.
,, 68, Large 35/- doz.

*An extensive Advertising
Campaign in all the
principal Society Journals
is now proceeding.*

Write for SPECIAL TERMS and
particulars of other MALACEINE
PRODUCTS to the Sole Wholesale
Agents for Great Britain and Ireland:

WILLIAM TOOGOOD, LTD.
77 Southwark Street,
LONDON, S.E.1.

Winter Preparations Worth Handling

33% Cod Liver Oil Emulsion, P., D. & Co.

		M.R.P.	M.W.P.
		Net per dozen.	
5 fl. ozs.	-	1/8	14/2
7½ fl. ozs.	-	2/4	19/4
(emergency size.)			
16 fl. ozs.	-	4/6	36/9

Bottle difficulties are being rapidly overcome, and before long all sizes will be freely available.

The medical profession is again ordering the Emulsion with the guaranteed percentage of non-freezing cod liver oil.

The palatability of 33% Cod Liver Oil Emulsion, P., D. & Co., is appreciated by the patient, and the permanence of the emulsion obviates the risk of complaints.

Mentholated Bronchial Lozenges

M.R.P.	1/- tin of 36
M.W.P.	7/2 net per dozen

Wherever a high-class lozenge can be sold, Mentholated Bronchial Lozenges may be adopted as a speciality and recommended with confidence both for children and adults. The first sale almost invariably leads to others and to personal recommendation. The convenience of the flat tin is a strong selling point; so is the absence of corners on the lozenges.

Improved Bronchial Lozenges

M.R.P.	9d. box of 36
M.W.P.	6/- net per dozen

A well-finished tablet, made by compression. The formula is disclosed; as it includes no narcotic or astringent ingredient. Improved Bronchial Lozenges may be recommended for children or for long-continued use.

Oral Antiseptic Tablets

		M.R.P.	M.W.P.
		Net per doz.	
Pocket vials of 36	1/3	9/-	
Bottles of 100	2/-	12/9	

A pleasant combination of formaldehyde and menthol with a suitable base. The convenience of the vest-pocket vial is very generally appreciated. The demand last winter was larger than ever.

At the same time it is particularly desirable to replenish stocks of Boroseptic Ointment, Capsolin, Euthymol Cold Cream, Euthymol Talcum Powder, Inhalone, Stimulating Embrocation and other preparations required in winter.

A card will bring you a list with all prices of specialties corrected to date.

PARKE, DAVIS & CO.

50-54, Beak Street, LONDON, W.1.

Laboratories : : Hounslow, Middlesex.

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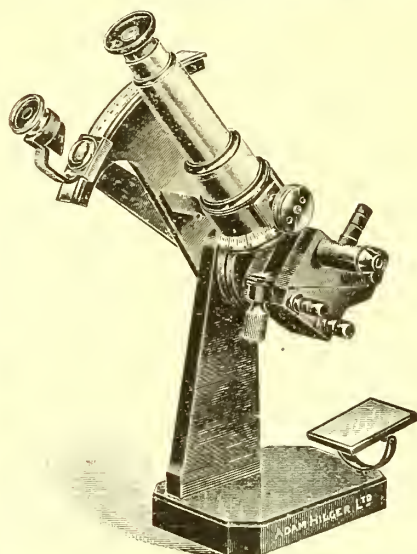
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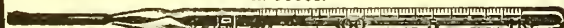


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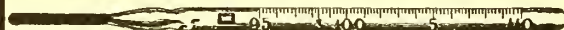
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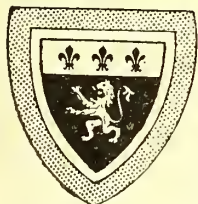
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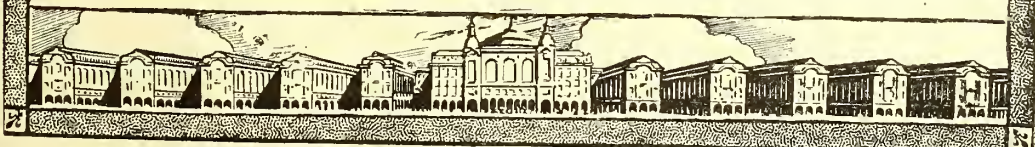
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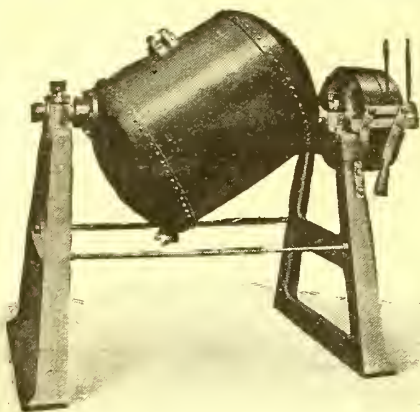
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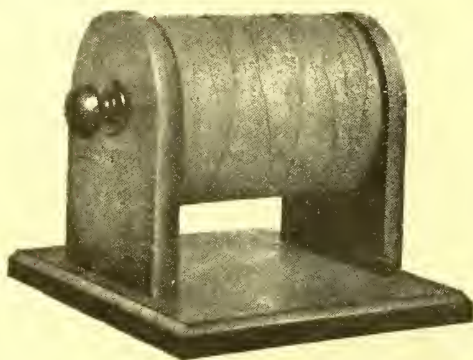


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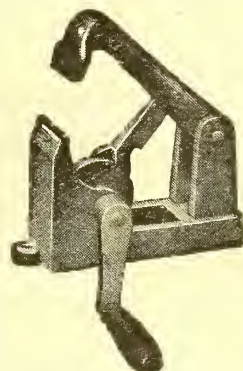
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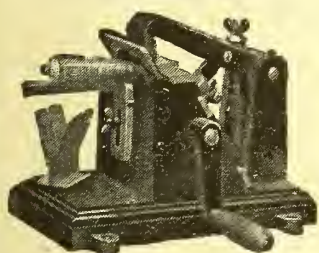
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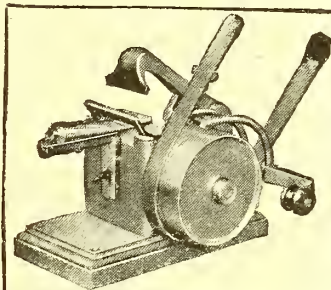
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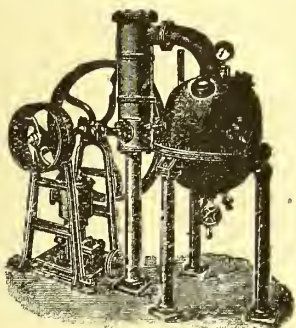
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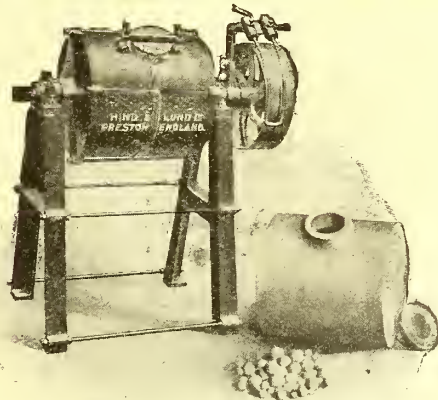
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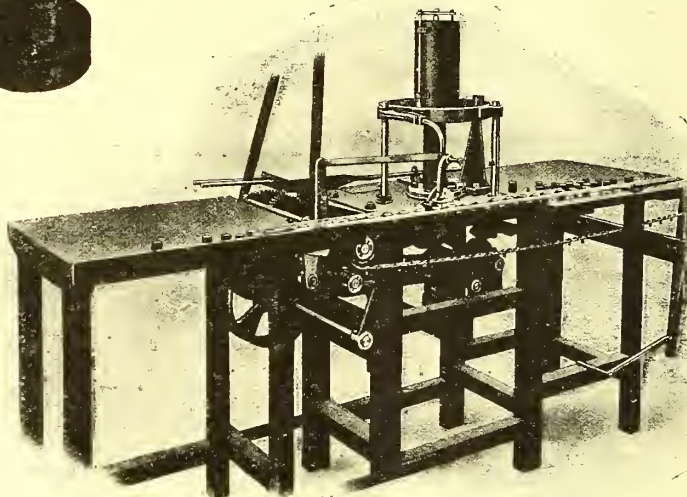
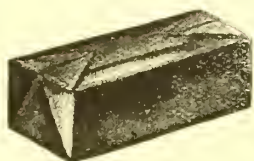
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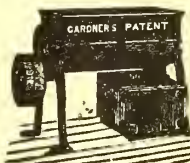
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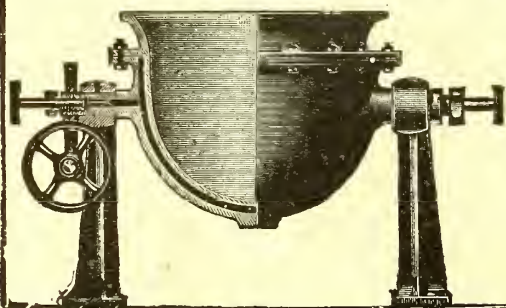
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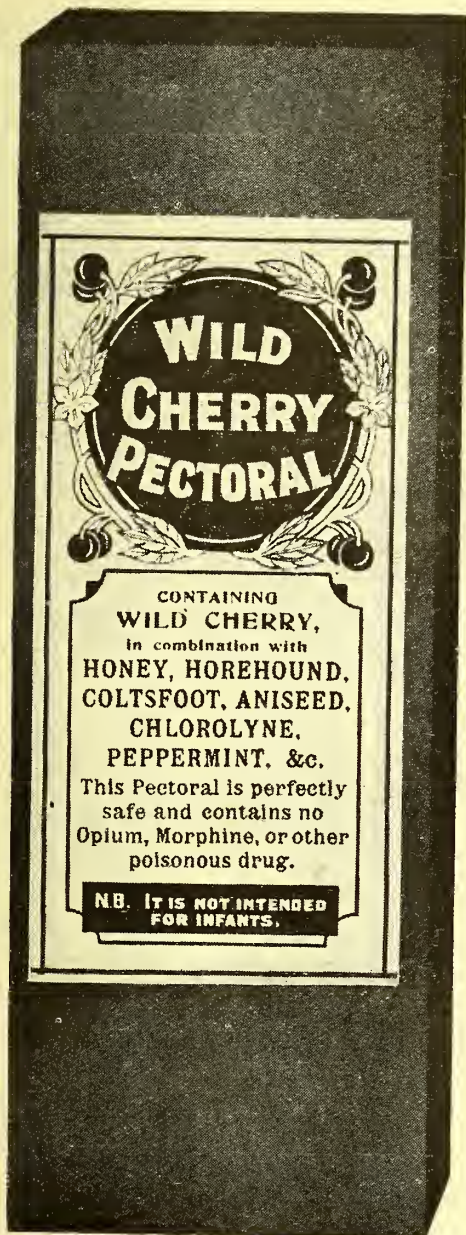
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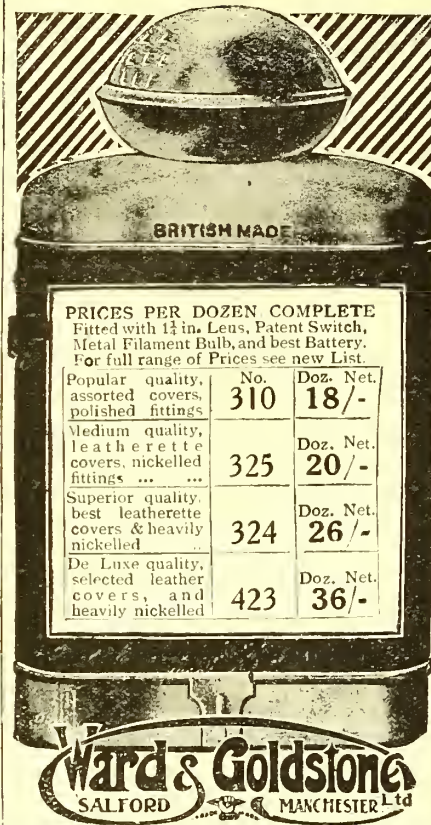
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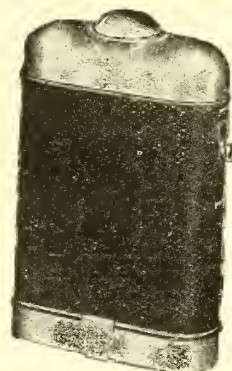
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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, October 28.

Ealing Pharmacists' Association. Eden's Restaurant, High Street, Ealing, W., at 8.30 P.M. Mr. John Humphrey, Ph.C., on "Insurance Topics."

London (South-East) Chemists' Association. Maitland House, 134 Greenwich Road, at 8.45 P.M. Meeting to discuss Federation, Profiteering Act, etc.

Wednesday, October 29.

Thames Valley Pharmacists' Association. Kingston Hotel, Kingston-on-Thames, at 3 P.M. Annual Meeting.

Thursday, October 30.

London (County) Pharmaceutical Association. 17 Bloomsbury Square, London, W.C., at 3 P.M. Annual Meeting. Speakers: Sir William Glyn-Jones, Messrs. Deakin, Mallinson, and Pilkington Sargeant.

North London Pharmaceutical Association. Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, W.C., at 7.30 P.M. Reception and conversazione.

LONDON (SOUTH-EAST) CHEMISTS' ASSOCIATION.—A whist-drive and social evening will be held on November 13, at the Limes Hall, Limes Grove, Lewisham. Tickets (4s. each) from Mr. W. Sayers, 63 High Street, Lewisham, S.E.13.

WESTERN PHARMACISTS' ASSOCIATION.—The annual dinner will take place on November 19 at the Holborn Restaurant, London, W.C. Tickets (10s. 6d. each) from Mr. B. R. Wilkinson (hon. secretary), 23 Cromwell Place, South Kensington, S.W.7. Ladies are invited.

The Profiteering Act.

NEW SCHEDULE OF CONTROLLED ARTICLES.

The "London Gazette" of October 17 contained the following notice:

Board of Trade, 7 Whitehall Gardens,
London, S.W. 1, October 14, 1919.

ORDER OF THE BOARD OF TRADE UNDER THE PROFITEERING ACT, 1919.

Whereas Section 1 of the Profiteering Act, 1919, provides that the Act may be applied by Order of the Board of Trade to any article or class of articles declared by the Order to be one or one of a kind in common use by the public, or being material, machinery or accessories used in the production of such articles, but that the Act shall not apply to any articles which are from time to time declared to be controlled articles.

Now, therefore, the Board of Trade do hereby declare that the articles or class of articles set out in the Schedule annexed hereto are articles of a kind in common use by the public and are articles which are not controlled, and do hereby order that the Profiteering Act, 1919, shall apply to each and every article or class of articles contained in the Schedule to this Order.

This Order shall come into force forthwith, and may be cited as the Profiteering Act, 1919, Order (No. 2).

Dated this 14th day of October, 1919.

By the Board of Trade.

A. C. GEDDES,

President of the Board of Trade.

Schedule.

- F. All drugs (excluding quinine sulphate, which is controlled) and medicinal preparations, including tooth-powders, talcum powders, and Fuller's earth.
- G. Medical and surgical appliances and dressings including thermometers.
- H. All articles used for fuel and lighting (except coal) including:
 1. Candles.
 2. Lamp oils.
 3. Kerosene.
 4. Petroleum.
 5. Paraffin.
 6. Firewood and firelighters.
 7. Methylated spirit.
 8. Matches.
- I. Tools including farm, gardening, engineering, and carpentry tools and implements.
- J. Weights, measures, weighing instruments, and measuring instruments.

ORGANISATION.

It is officially stated that of the total number of local authorities to which invitations to set up tribunals were sent, 200 have refused and 1,800 have accepted. Fifty-one appeal tribunals are ready for work out of a total of eighty which will finally be set up, and in most of the other cases a start has been made.

TRADERS' COMMITTEE FORMED.

Southport chemists, together with other traders of the town, are to have representation on a new committee which has been formed by the local Chamber of Trade. This committee has been appointed for the purpose of guarding the interests of traders who are being unfairly charged by the town's profiteering committee, on which traders are denied representation. The cases will be heard by the traders' committee before they go before the official body.

LOCAL ASSOCIATION'S OFFER.

The secretary of the London (Western) Pharmacists' Association has sent the following circular letter to its members:

Profiteering Act.

My Association desires to take steps to protect its members from frivolous complaints which may be made by the public under the above Act. In the event of a complaint being lodged against you, please communicate with me at once, giving details of the case, so that the Association may render you what assistance it can. I may be able to secure the attendance of an official representative at the Tribunal if necessary. Do not delay.

C

PHARMACISTS ON PROFITEERING COMMITTEES.

MR. J. W. STEWARD, Ph.C., Bridgnorth, has been elected a member of the local Profiteering Committee.

MR. A. W. GEDGE, chemist and druggist, Malvern Link, has been elected a member of the local Profiteering Committee.

COMPLAINTS.

ACTON.—On October 20 the Sub-Committee of the Profiteering Committee further considered the case of a complaint of overcharge on Bynogen by Boots, Ltd. (*C. & D.*, October 18, p. 41). The complainant, a Mrs. Johnson, was represented by Mr. Worrall. Mr. Percy Sparkes, the London manager to Boots, Ltd., explained that in 1917, when the company was short-handed owing to the war, a lady assistant, receiving a list of Allen and Hanbury's revised prices, entered a 1s. increase against a list of their articles (in the case of the large-sized tins), and, inadvertently, included "Bynogen," which was not specifically mentioned. Evidence on the point was given by the assistant, the local manager, and the assistant who served the customer; but they were in agreement that the complainant was not shown a book in which an erasure had been made. The entry was a perfectly clear, new entry, made in 1917, and the price-book was produced in support of the assertion. The book was the one they worked by, and they had no other on the premises. Mr. Worrall, however, opened a wide field of inquiry by producing a price-list of associated firms, and alleging that there was a ring in these proprietary articles. He was, he said, having "Bynogen" analysed, and he contended that its intrinsic value did not warrant the prices charged for the various-sized tins of it. The question of the existence of a ring was ruled out of order. The local manager was called in separately, and cross-examined as to why the mistake in the book had not been rectified before. His reply was that he had been too busy for the matter to come under his notice, and that the demand for tins of the food at that high price was small. It was resolved that the 1s. be refunded to Mrs. Johnson, and that the manager of Boots' local branch be asked to be more careful in future in checking price-list alterations. A second resolution was then carried that the wholesale and manufacturers' price for proprietary articles be brought to the notice of the Board of Trade, with a view to ascertaining the intrinsic values.

BRISTOL.—On October 20, a confectioner who sold gum pastilles at 1s. per $\frac{1}{2}$ lb. was ordered to refund 3d. to the purchaser, the Profiteering Committee having received information from a wholesaler that 9d. per $\frac{1}{4}$ lb. would leave a very good profit for the retailer.

EALING.—The Profiteering Committee, on October 23, are to have before them a charge against a local chemist of selling $\frac{1}{4}$ oz. of camphor for 6d.

EDINBURGH.—At the sitting of the Committee on October 20, Brigadier-General Bateman appeared on behalf of his wife, who was responsible for complaints in regard to shampoo-powders, lozenges, and honey (*C. & D.*, October 18, p. 41). The General said that his wife's complaints were lodged merely as a matter of principle. Before the war shampoo-powders cost 1d., and several weeks ago could be obtained for 2d. The price now was 3d. The Deputy Town Clerk: Why do you think 3d. is excessive?—Because 2d. profit on 1d. is 200 per cent. A Member: Do you know what prices are current in other shops?—The Board of Trade asked the general public to send complaints to the Committee. My wife has done what she thinks was her honourable duty to the State. The Committee, I take it, might do the rest. Proceeding to support the complaint about lozenges sold at 9d. for 4 oz., the General said that before the war they were sold at 2d. for 2 oz. He had nothing to add regarding the honey charges (2s. a jar), except that his wife considered the prices excessive. He did not know the weight contained in the jar.

HAMMERSMITH.—Among the complaints investigated by the Profiteering Committee at its sitting on October 17 was one concerning the sale of a box of blancmange-powder (pint size) at 8d. The case was adjourned.

HAMPSTEAD.—Mr. E. Beaton, chemist and druggist, England's Lane, Hampstead, N.W., on October 22 answered a charge of profiteering on the sale of a badger-hair shaving-brush. The brush cost 7s. 2d. and was sold at 12s. 6d. The case was defended by the Chemists' Defence Association, and, after hearing the facts, the Committee dismissed the charge.

HORNSEY.—On October 16, the Profiteering Committee ordered an oddman to refund 3d. on a tin of polish for which 8 $\frac{1}{2}$ d. had been charged, and decided to report the case for trial.

LAMBETH.—At the sitting of the Profiteering Committee on October 17, a woman brought a complaint against Boots, Ltd., chemists, for having charged 3d. on a bottle for which she was only given $\frac{1}{2}$ d. when she returned it. A representative of Messrs. Boots said that 2 $\frac{1}{2}$ d. was the charge made on the bottle, and stated that, owing to the danger of infection, the firm had built a special establishment for the sterilisation of all returned bottles, and they were losing 800l. a year on this establishment, so they only paid back $\frac{1}{2}$ d. on the bottle. The Committee decided that the woman should be paid back 1 $\frac{1}{2}$ d., leaving Messrs. Boots 1d. towards the cost of sterilisation.

LEWISHAM.—The complaints submitted to the Profiteering Committee at its sitting on October 16 included one from a man who stated that he took a prescription to a chemist and was charged 1s. 8d., while another chemist charged him only 1s. 3d. for making up the same prescription. A Member: Is it not a case of "services rendered"? The Town Clerk: I think it is. A Member: I am afraid that it is a similar case to one doctor charging 5s. and another 3s. 6d. The Town Clerk: Of course, there is the point of one doctor having a bigger reputation than the other one. A Member: That would also apply to chemists. The Committee decided that the case did not come under the Act and could not be investigated.

PADDINGTON.—At the sitting of the Profiteering Committee on October 22, an inspector to the local Food Control Committee complained that he was charged 9 $\frac{1}{2}$ d. for $\frac{1}{4}$ lb. of loose mustard at the shop of Mr. A. Parsons, 5 Sheldon Street. At other shops he was charged 5d. and 7d. Mr. Parsons pleaded that his wife, knowing the purchaser to be an inspector, got flurried and made a mistake. He was ordered to refund the inspector 2d.

SHEERNESS.—At a recent meeting of the Profiteering Committee a trader was ordered to refund 2d. on a bar of soap for which he had charged 11d. (yielding a profit of 41.9 per cent.). A prosecution was entered.

WILLESDEN.—It is understood that a complaint has been lodged in respect of the sale of "a preparation of saccharin," and that the Profiteering Committee has approached the Board of Trade asking whether this article comes under drugs or can be included in "patent goods for human use as food." The Committee is also investigating an alleged overcharge for custard-powder.

WORCESTER.—The Profiteering Committee, at a recent meeting, ordered a trader to refund 1 $\frac{1}{2}$ d. on a bottle of Worcestershire sauce, for which 10 $\frac{1}{2}$ d. had been charged.

PROSECUTION.

At Belfast Summons Court, on October 15, William Dobbin & Co., Ltd., chemists, 45 and 47 North Street, were fined 5l., with costs, for charging an excessive price for currants and sultana raisins, and 2l. for failing to keep proper records. It was stated that defendants paid 3d. per lb. over the control price to the wholesaler for sultana raisins, and also paid 10 $\frac{1}{2}$ d. per lb. for currants, when they should have sold the article at 10d. Defendants charged 6d. per lb. over the retail price for raisins, and 2d. in excess for currants.

"LITTLE BROWN JUG!"—A Midlands pharmacist writes: "Has the old-fashioned cylindrical brown infusion-pot, with its perforated diaphragm, gone for ever? Application at the wholesaler's failed to secure one; but a large white object, looking like a stock ointment-jar, was supplied—at a pre-war price—and, judging by the assistant's manner, seemed to have been rescued from dust and oblivion."

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

War Regulations Revoked.

Flax Seed.—The following Orders have been suspended: The Flax Seed (Ireland) Order, 1918; the Sale of Flax Seed (Ireland) Order, 1918; and the Flax Seed (Shipment from Ireland) Order, 1918.

Tungsten.—The Tungsten and Molybdenite Order, 1917, has been suspended.

The Sale of Rat-poison.

In connection with "Rat Week" (October 20-27), the farmers of Devonshire petitioned their County Council to allow the sale of rat-poisons by rural policemen. The petitioners were informed that facilities already exist in every town and in many villages for obtaining poison for rats from chemists duly authorised to retail it, and that it would not be safe to relax any of the existing precautions. It would be contrary to law, and against public policy, to allow unauthorised sales of rat-poisons to take place. The only departure from the provisions of the Poisons and Pharmacy Act was that set up by the Board of Agriculture, which had named certain manufacturing chemists who were authorised to supply rat-poison wholesale to a duly formed village rat club or other organisation for dealing with the pests. This provision and the supplies offered by local chemists were considered to be sufficient for the farmers' purpose.

Contracts.

The following tenders have been accepted by the bodies named:

Halifax Guardians.—Corbyn, Stacey & Co., Ltd., drugs; T. J. Smith & Nephew, Ltd., dressings.

Merthyr Tydfil Guardians.—Mr. V. A. Wills, chemist and druggist, drugs, etc.

Stockton-on-Tees Guardians.—Mr. T. W. Salmon, chemist and druggist, drugs.

Birmingham.

Alderman F. C. Clayton, Ph.C., has promised 500*l.* towards the Birmingham war memorial.

There are over four hundred hospital cases of scarlet fever in Birmingham, and an epidemic is feared. It is of a mild type.

A decree nisi, with costs, has been granted in the Divorce Court to Mrs. Annie Enid Meyer, Carlisle Road, Edgbaston, the wife of a Birmingham pharmacist.

Three local firms have just been fined for not obtaining from the certifying surgeon of the district a certificate of the fitness for work of young persons in their employ.

Mr. Richard W. Parker, chemist and druggist, late with Samuel Thornley, Ltd., 6 Snow Hill, has been appointed manager to Mercer's, Ltd., chemists, Oldham Road, Rochdale.

The date of the Health Exhibition, to be held at Bingley Hall next year in connection with the meeting of the Royal Sanitary Institute, has been fixed as July 17 to August 7.

The death is announced of Mr. Frank Shaw, 5 Addison Road, King's Heath, who represented a Bolton firm of manufacturing chemists. He was fifty-eight years of age, and is survived by a widow and two daughters.

"Death by misadventure" was the verdict at an inquest on the death of a young man at Queen's College, caused by an overdose of cocaine and adrenalin administered by a young physician at that institution.

Serious complaints are being made in the local Press at the high charges made by doctors for their visits and medicine. Six visits and six or seven small bottles of medicine have lately cost a grocer's assistant 3*l.* 6*s.*

A letter addressed by Cadbury Bros., Ltd., to a correspondent who had asked the retail price of their chocolates contains the following sentences: "... we desire to say that the price at which our tray chocolates, both

plain and covered, are intended to be retailed to the public is 3*s.* 6*d.* per lb. . . . You probably have in mind the former Government control price for chocolates, which was 4*s.* per lb. This, however, has been removed for some months, but you are quite justified in refusing to pay more than the figure we mention above."

Leeds.

The fixtures and effects at the White Horse Pharmacy, White Horse Street, have been disposed of by auction.

At Leeds Police Court, on October 16, Edgar McGrail was sentenced to two months' imprisonment for stealing forceps, dental drills, and other articles, value 30*l.*, the property of Mr. William Thompson, his employer.

Liverpool.

Anti-influenza preparations are kept to the fore.

Heather honey, in glass jars, has reappeared in chemists' window-displays.

The Profiteering Committee for the Liverpool district will hold its first public sitting on November 3.

The University classes are so full that no more students for courses requiring the use of laboratories are being enrolled.

Harold Lomax, Ltd., announce the opening of an extension of the Rexall store and a Lomax "Ladies' Department" at 45 Edge Lane.

Under title of "The House of Evans" an interesting historical article dealing with the foundation, rise, and progress of Evans Sons Lescher & Webb, Ltd., Liverpool and London, appears in the "Financial News" of October 16.

The Liverpool Health Committee is taking the lead in "Rat Week" in this city, and has organised a compact exhibition at the Central Museum. Evans Sons Lescher & Webb, Ltd., show their well-known Virus, and their stand also contains an oil painting showing how the Virus-disease may be spread. Many local pharmacies devote displays to various exterminators.

At Liverpool Police Court, on October 20, fines totalling 840*l.* were imposed on sixty-eight Chinamen charged under Regulation 40*b* of the Defence of the Realm Act with the unlawful possession of opium, and other offences. It was stated in evidence that in one house, which appeared to the detectives to be used solely as an opium den, packages of opium aggregating a hundredweight were found under the floor.

Sheffield.

Inquiries may now be made at the Pricing Bureau by telephone (Broomhill, 897).

Mr. J. McVie Hill has taken over the Sheffield ground of Burroughs Wellcome & Co.

The annual dinner of the Sheffield Pharmaceutical and Chemical Society is to be held on November 20.

Mr. J. W. Hull, chemist and druggist, is home from South Africa, where he is chief representative of Parke, Davis & Co.

The local Interviewing Board of the Ministry of Labour feel that some further effort should be made to provide classes for pharmacy students at Sheffield University.

The Students' Association has decided not to join the Senior Association unless it can retain its own title of "Sheffield Pharmaceutical Students' Association." The older Association is unwilling to agree.

A general meeting of local chemists is to be held on October 29 to discuss the Profiteering Act. Any difficulty arising in the meantime should be communicated at once to Mr. J. A. Johnson, whose telephone number is "Broomhill, 878."

Miscellaneous.

EARLIER CLOSING ADOPTED.—Seven-o'clock closing has been agreed upon by the chemists of Putney, London, S.W.

POISON-LICENCE APPLICATION.—The Suffolk Seed Stores, Ltd., Woodbridge, have applied to the East Suffolk County Council for a licence to sell agricultural and horticultural poisons.

COST OF LIVING.—The "Labour Gazette" states that the cost of living is now 120 per cent. above the figure at which it stood in 1914. This is from 10 to 15 per cent. more than it was in the middle of the year.

DYES LICENSING SYSTEM.—The British Chemical Trades Association ask us to remind those who still have forms of the petition to the Prime Minister on the dyes licensing question to be good enough to return them forthwith to the offices of the Association, 80 Fenchurch Street, London, E.C. 3.

PARCELS POST TO VENEZUELA.—A single scale of postage will in future be charged on all parcels for Venezuela, viz., 2s. 8d. for every parcel not exceeding 3 lb. in weight, 3s. 4d. for every parcel over 3 lb. but not over 7 lb. in weight, and 4s. for every parcel over 7 lb. but not over 11 lb. in weight.

RELAXATION OF EXPORTS.—The Board of Trade announce that as from October 17 the following goods, which have hitherto been included in List A of prohibited exports, and have thus been prohibited to all destinations, have now been removed from it: Cotton-seed oil, oleo, sesame oil, imitation lard (compound), and neutral lard.

ENEMY PATENTS.—The following licences to use enemy patents have been granted under the Trading with the Enemy Acts, 1914 to 1918: Morton Sundour Fabrics, Ltd., to use patents 2373/09 and 29138/09; Citex Fire Extinguisher Co., Ltd., to use patent 10085/08; and British Dyes, Ltd., to use the bakelite patents 1921/C8, 1922/08, 21566/08, 26614/11, 6293/12, 6294/12, and 7284/15.

BRITISH-GROWN SUGAR.—The British Sugar Beet Growers' Society proposes to make a thorough test of the commercial possibilities of the growth of sugar beet and the manufacture of sugar from it in England. The Society proposes to carry out the project at Kelham, the management to be in the hands of the shareholders, and certain matters of financial policy to be controlled by representatives of the Government.

IN THE COURTS.—At South-West London Police Court on October 16 a charwoman named Hunt, charged with stealing goods valued at 28s. belonging to Mr. George Buckley, chemist and druggist, Gatwick Road, S.W. 13, was placed on probation and was ordered to repay 10s. by weekly instalments of 2s., the money to be remitted to the pawnbroker with whom the goods had been pledged. The Magistrate refused an application made on behalf of the pawnbroker for compensation.

ROTHAMSTED EXPERIMENTAL STATION.—New laboratories were opened at the Rothamsted Experimental Station, Harpenden, on October 20. Professor H. E. Armstrong, who presided, stated that the scheme had cost 26,000s., of which 16,000s. had been privately subscribed. He added that by a recent decision of the Board of Agriculture a new department of plant pathology, including entomology, had been placed under the control of the Lawes Trust. (An illustrated description of the Rothamsted Station was given in the *C. & D.*, II., 1885, p. 260).

BRITISH-MADE GOODS.—The Board of Trade have issued a circular letter to public authorities suggesting the desirability, so far as practicable, in all contracts placed by them, that the goods to be supplied shall be of United Kingdom manufacture. Where, in the opinion of the authority, prices quoted by British manufacturers are unduly high, as compared with those quoted by foreign tenderers, or where an unduly long period is required for delivery, the Board of Trade states that it will be glad to be so informed, and would be prepared to make inquiries into the matter.

ROYAL ARMY MEDICAL CORPS.—A War Office notice states that arrangements are being made by the Royal Army Medical Corps to train men not over twenty-one years of age as pharmacists, dispensers, dental mechanics, x-ray, operating-room, mental, and laboratory attendants, masseurs, opticians, nursing orderlies, and hospital cooks. Accepted candidates will be required to serve for seven years with the Colours, and will receive the rates of pay laid down in the new warrant. Men over twenty-one years of age and not exceeding thirty-five, who are

already qualified in any of the classes of work indicated, will be accepted for service, and, the Order states, "should have good prospects of a career."

FIRES.—An outbreak of fire occurred on October 19 on the premises of Parke's Drug Stores, Ltd., 6 Broadway, Hammersmith, London, W., resulting in slight damage in the basement.—A similar outbreak was dealt with on October 20 at the Farringdon Street (E.C.) premises of Potter & Clarke, Ltd., wholesale druggists.—On October 22 four employes were injured as the result of an outbreak of fire at the works of W. J. Bush & Co., Ltd., Ash Grove, London, E.8. The volunteer brigade at the works extinguished the flames before the arrival of the Hackney firemen, and the injured men, who were burned about the face and hands, were taken on the firm's ambulance, after receiving first-aid treatment, to the London Hospital. The damage was confined to the mixing-room.

EXETER UNIVERSITY COLLEGE.—At a meeting of the governors of the Exeter University College on October 29 Mr. P. F. Rowsell, Vice-President of the Pharmaceutical Society, said it was satisfactory that the Pharmaceutical Society had recognised the College as a place of instruction under its new regulations. At present nearly forty students were being trained, which was a very important asset to the College, and would be realised in the course of the next few years. He hoped the work would be fostered in every way possible. Owing to the State aid given for the training of disabled men the school would be a profit and not a loss. The Mayor of Exeter said that the governors were indebted to Mr. Rowsell for obtaining recognition of the College by the Pharmaceutical Society.

POISONINGS.—On October 16 the West London coroner held an inquiry into the death of a child named Block, who had died after having access to some tablets of Easton's syrup. Dr. B. H. Spillsbury stated in evidence that he concluded that death was due to strychnine poisoning. The tablets looked like those containing $\frac{1}{2}$ gr. of strychnine in the form of Easton's syrup; a poisonous dose for an adult was $\frac{1}{2}$ gr., equal to sixteen of these tablets. An "Accidental-death" verdict was returned.—An inquest was held at Ilford, on October 22, on the body of Mr. William Reid Watson, chemist and druggist, 1 Market Parade, Chadwell Heath. The evidence showed that on October 20 Mr. Watson sent his wife and servant out on some pretext, and while they were away drank hydrocyanic acid. When the servant returned she found Mr. Watson dead on the floor. A verdict of "Suicide during temporary insanity" was returned.

A PUZZLING EXPLOSIVE.—Interesting evidence was given at Derby on October 13 in the course of an inquest on the body of William Dewdney, superintendent engineer, who was killed in an explosion at the works of the British Cellulose and Chemical Manufacturing Co., Ltd., Spondon (*C. & D.*, October 4, p. 63). The circumstances of the death having been related, Mr. David C. Stark referred in evidence to a column which was being dismantled. He said that, although a Fellow of the Institute of Chemistry, he did not know that it was necessary, for the sake of safety, to moisten the column. He did not know there was any copper acetylide on or near the column. He knew that in its dry state it was explosive under certain conditions. Mr. Arthur J. Fitch, giving evidence, said that he was a Fellow of the Institute of Chemistry. In the portion of the Spondon Works referred to they had been making acetic acid from wood residue. He found black powder on the column which contained copper acetylide. That would explode, if dry, under certain conditions, but what conditions were required was not known to chemistry as yet. The quantity of acetylide was small, but he had succeeded in producing a spark by striking some of it. It was a fact that the acetylide was there, but he could not understand how it got there. There was no need to look any further for the cause of the explosion. Dr. W. A. M. Soller, M.A., technical manager at the works, having given similar evidence, the jury returned a verdict of "Accidental death."

Scottish News.

Brevities.

The Key Industries Exhibition will be held in Kelvin Hall next month.

The scarcity of cash occasioned by the strike is now making itself felt.

The Scottish Printers' Alliance announces a further increase in the cost of all classes of printing.

Lord Leverhulme gave an address to the Dundee Business Club on "Co-partnership and Profit-sharing" on October 17.

Bacteriological investigation has lately revealed the presence of typhoid bacilli in the drinking-water of Perth. A fresh source of supply is being sought.

The conditions of employment in the Scottish shale-oil industry are, by agreement arrived at after prolonged negotiation, to be continued until the end of the present year.

Some firms are now advertising their preparations at 3s. and 5s.—trial size 1s. 3d. Is there not a subtle humour in the word "trial"? It might be read in more than one way.

Mr. Edward Goodwillie has been appointed chief chemist of the Solvay Process Company, Detroit, U.S.A. Mr. Goodwillie is a native of Elgin, where his father was well known as a sculptor.

A letter (signed with a pseudonym) in a Scottish paper contains the following pleasing indication of the mentality of the writer: "One gentleman tells us that liquor in moderation harms no man. We knew that already. The next gentleman informs us that alcohol is scheduled as a poison along with aconite and such like. We knew that, too."

The Scottish Pharmaceutical Federation is prepared to protect its members against charges of alleged overcharging. Full details of such charges should be supplied to the secretary, Mr. A. Murray, 255 Albert Road, Pollokshields, Glasgow. Many letters appearing in the Scottish Press advocate retaliatory methods on the part of retailers against grumblers who make a case of supposed overcharging.

Edinburgh.

The North British Rubber Co., Ltd., is the subject of a special article in the "Evening News" of October 18.

Mrs. Inglis Clark, wife of Dr. W. Inglis Clark (Duncan, Flockhart & Co.), has been chosen as a candidate for the Parish Council at the forthcoming election.

The Edinburgh Chemists' Golf Club held their final competition for the season on October 15 over Murrayfield course. The winners were: (1) J. Kearney; (2) J. Finlay; (3) G. W. Baxter. Mr. Baxter also won the aggregate competition for the best three scores.

Two cases which came before the Edinburgh Sheriff Court within the past few days indicate the renewed activities of the fraternity who beguile the public (particularly traders) into subscribing towards the insertion of an advertisement in a directory which exists, in some cases, only in the imagination of the canvasser.

An Edinburgh paper comments pessimistically on the working of the Profiteering Act as follows: "The Tribunal, which some expected would wipe out the profiteer, and by so doing reduce prices to a level which would ease the burden of the consumer all over the country, has turned out a delusion and a snare. It held the word of promise to the ear and now it breaks it to the hope." This lament has reference to a case recently before the Edinburgh Profiteering Committee (see p. 66).

ICE-CREAM A "REFRESHMENT."—The question whether ice-cream should come within the legal definition of "refreshment" was decided at West Ham Police Court on October 21, when a summons against a confectioner for selling ice-cream after 9 p.m. on a Saturday was dismissed. The article in question was made from a powder which contained no milk, cream, or sugar.

Irish News.

Brevities.

The Pharmaceutical Society of Ireland will shortly appoint a Preliminary examiner in place of Mr. Wm. Johnston, B.A., whose statutory term of five years has expired.

Mr. J. Keall, President of the Proprietary Articles Trade Association, is to address a meeting of the drug-trade at Belfast.

At the recent Quarter Sessions, Limerick, a decree for 7l. was given in a case where a druggist's apprentice had supplied iodine when cascara was ordered.

Mr. W. M. Swanton, Ph.C., Castletown-Bere, was charged, on October 14, under Section 7 of the Criminal Procedure Act, for displaying notices in his shop window in connection with the Sinn Féin Loan. Accused, who refused to give bail, was remanded to Bandon Sessions.

A Dublin correspondent understands that the entire share capital of Kiloh & Co., Ltd., chemists, Cork, has been acquired by the Cork Chemical and Drug Co., Ltd., the purchase price amounting to a considerable sum. Mr. G. Harrison will continue to act as secretary to Messrs. Kiloh, and Mr. McAdoo to the Cork Chemical Co.

At the Council-meeting of the Belfast Chamber of Trade on October 13, Messrs. W. J. Hardy and J. Carroll Culbert (President and Hon. Secretary of the Ulster Retail Drug Trade Association) were elected Vice-Presidents. Mr. Culbert was also appointed honorary secretary. A pharmacy group of the Chamber will shortly be formed.

Irish Assistants' Wages Dispute.

The latest development in connection with the assistants' demands is an offer from the National Union of Shop Assistants, Warehousemen, and Clerks (Chemists' Assistants' Section), suggesting that, as the Chemists' and Druggists' (Ireland) Joint Council had broken down (*C. & D.*, September 27, p. 67), the matters in dispute should, before any withdrawal of labour or other drastic action was taken, be submitted to arbitration, the Ministry of Labour to appoint the arbitrator. The General Council of the Federation of Irish Chemists' (Employers) Association has declined the offer, but agrees to abide by the previous award (*C. & D.*, 1918, p. 968). The Federation considers that the failure of the Assistants' Union to abide by this award, even for one year, shows the futility of entering upon another arbitration. The Federation has agreed, in case of the victimisation of any individual member, to direct a general lock-out of all Union employees during the continuance of the dispute. This proposed action has been approved by the Ulster Retail Drug Trade Association (*C. & D.*, October 11, p. 48). It is said that the Southern assistants are more eager to strike than those in the North.

PLANT ETYMOLOGY.—M. F. Gagnepain, in the French monthly, "Larousse" (encyclopædia), writes on botanical etymology: The leguminous *Bauhinia* were so called by Linnaeus because two leaves spring from a common base, "like the noble brothers Baubin." It was the same Swedish savant who wrote that the *Linnaea* genus was founded by Gronovius on a little, common, negligible Swedish plant, "which flowers for a very short time, like Linnaeus himself." Baillin named one plant *Dedea major*, in honour of his eldest son, André (Dédé is the baby-name of André in French); and a second, *Marcella mirabilis*, after his daughter Marcelle. But perhaps the most remarkable "dedicatory" name is that of the *Didicæa*, which, it is stated, is based on the initials of Dr. D. D. Cunningham (D.D.C.). *Punica*, the pomegranate, takes its name from its Carthaginian home; *Thapsia* presumably from the isle of Thapsus. These are locality names. Another class is represented by the *Ranunculus*, which (Tournefort and Linnaeus point out) "lives with the frogs." Mythological names (*Achillea*, *Mercurialis*, *Centauræa*) are familiar to most. The Passion flower (*Passiflora*) is an example of a religious title. The "anagrams" cited are curious, of which *Microtana* from Craniotome, *Anogra* from Onagra, *Mirtania*, resembling Anamirta, are examples.

British Pharmaceutical Conference.

A MEETING of the Executive Committee was held at 16 Bloomsbury Square, London, on October 14, the President (Mr. C. A. Hill) in the chair. There were also present: Messrs. F. Ransom and H. Finnemore (Vice-Presidents); C. T. Bennett, T. Brewis, C. E. Corfield, F. W. Gamble, F. W. Crossley-Holland, A. R. Melhuish; with R. R. Bennett and C. H. Hampshire (Hon. Secretaries).

It was reported that the decease of the following members of the Conference had taken place since the last meeting of the Executive Committee: Mr. C. Brooks (London), elected in 1913; Mr. Edmund Jones (Hanl y), elected in 1906; Mr. W. Bates (Southampton), elected in 1912; Mr. J. C. Umney (London), elected in 1885, Hon. Treasurer 1898 to 1912, President in 1913. A vote of condolence with the relatives of the deceased members was moved from the chair and passed, and the Secretaries were instructed to write to Mrs. Umney, conveying high appreciation of Mr. Umney's services to the Conference, and expressing sympathy in her bereavement.

ELECTION OF SUB-COMMITTEES.

The following sub-committees were appointed:

RESEARCH.—The President (C. A. Hill), C. T. Bennett, E. T. Brewis, C. E. Corfield, H. Deane, H. Finnemore, F. W. Gamble, W. Kirkby, R. R. Bennett, and C. H. Hampshire (Convener).

PRACTICE SECTION.—The President (C. A. Hill), F. W. Crossley-Holland, H. Finnemore, F. W. Gamble, A. R. Melhuish, H. Skinner, G. Whitfield, H. Wyatt, C. H. Hampshire, and R. R. Bennett (Convener).

CONFERENCE DEVELOPMENT.—The President (C. A. Hill), H. Finnemore, F. W. Gamble, D. Lloyd Howard, A. R. Melhuish, E. S. Peck, F. Ransom, H. Skinner, G. Whitfield, C. H. Hampshire, and R. R. Bennett (Convener).

Mr. J. O. Braithwaite was re-appointed editor of the Abstracts, and Mr. T. Stephenson was re-appointed compiler of the New Remedies Section of the "Year Book, 1920."

Mr. R. W. George was appointed Assistant Secretary as from October 1, 1919. Mr. George was also appointed agent for the collection of advertisements for the "Year Book."

THE LIVERPOOL MEETING.

A letter from Mr. H. Humphreys Jones, Local Secretary in Liverpool, with reference to the meeting in 1920, was discussed, and the Secretaries were instructed to reply, stating that the appointment of Local Sub-Committees for the Science and Practice Sections would be left to the discretion of the local Committee. It was decided that the Conference should be held during the third week of July, subject to the agreement of the local Committee.

A letter from the Secretary of the South Wales and Monmouthshire Pharmacists' Local Associations' Federation, conveying an invitation for the Conference to visit South Wales in 1921 or 1922, was discussed, and the Secretaries were instructed to reply, expressing thanks and requesting a renewal of the invitation at a later date.

NEW MEMBERS.

The following were elected:

Mr. G. R. Boyes, Miss Ella Caird, Miss V. Newcombe, Miss C. E. Pearson, Miss H. C. M. Winch, Miss E. Woodward, Miss D. Yapp, and Major D. White (Dunedin, N.Z.).

Mr. Finnemore raised the question of developing the co-ordination of research, as suggested in Mr. Kirkby's presidential address, and the matter was referred to the Research Sub-Committee.

Mr. Corfield commented on the practice of distributing printed copies of the papers to be read at the Conference, prior to the reading of the papers, and expressed the opinion that this led to diminished attendance at the sessions of Conference. After discussion, no action was taken.

Organising the Drug-trade.

Drug-Union Meetings.

At a meeting of the Bradford branch of the Amalgamated Society of Pharmacists, Drug and Chemical Workers, held on October 20, under the chairmanship of Mr. G. H. Etchells, the following officers were elected: *President*, Mr. G. H. Etchells; *Vice-President*, Mr. R. Green; *Treasurer*, Mr. E. Ingham; *Hon. Secretary*, Mr. J. H. Batley, 43 Otley Road, Bradford. The President stated that the Bradford Technical College had applied for registration under the Pharmaceutical Society scheme for training ex-sailors and soldiers, and that the classes were to be rearranged to suit intending students.

A MEETING of the Amalgamated Society of Pharmacists, Drug and Chemical Workers was held recently at Exeter. Mr. Ware presiding. The object of the meeting was to form a branch in Exeter. Mr. Gillian (organising secretary) delivered an address on the work of the Union. If a branch were formed, he trusted that the wholesalers and retailers would come together. The Union is trying to obtain the following: Public pharmacists (chief dispensers), 400*l.* per year; 300*l.* for others; maximum hours thirty-seven, twenty-one days' leave after twelve months, special skilled service in evening clinics (7*s.* 6*d.* per hour), and a pension scheme. It was unanimously agreed that a branch be formed in Exeter.

A MEETING of the London Pharmacists' branch of the Amalgamated Society of Pharmacists, Drug and Chemical Workers was held on October 21. Information was received of the formation of a strong West London branch, and of the work of the staff of the Drug and Chemical Department of the Army and Navy Stores in the fixing of wage minimums for the department. Arrangements are rapidly maturing for the appointment of a London sub-organiser for the retail and public-services branches, and for the formation of a Divisional Council for London, representative of every section of the drug industry. The branch decided to support the nomination of non-proprietor candidates for the 1920 pharmaceutical election, and the Secretary was instructed to communicate with the Scottish Divisional Council with a view to securing a co-ordination of effort on the part of all members of the Pharmaceutical Society.

N.A.C.A. Meetings.

A MEETING of the Manchester branch was held on October 15. Mr. G. Livesey presided and presented a report of the September meeting of the Executive. The proposal that the Association should be registered as a trade union—a step which involves no change of policy on the part of the Association—received the support of the members. A scale of wages was also submitted and, with a few suggested additions, was approved.

THE BOLTON BRANCH of the National Association of Chemists' Assistants held a successful whist-drive and social evening on October 15. The prizes for whist were presented by Mrs. Fox, and the band of the branch contributed to the evening's enjoyment.—The general meeting was held on October 17, when it was decided to support the Executive's decision to register as a trade union, and the wage scale was also discussed. The next meeting will be held at the Mimosa Caf  on November 21.

A WHIST-DRIVE AND CONCERT, arranged by the Social Committee of the Bristol branch, was held on October 15, when members and friends, to the number of eighty, assembled. Among those who contributed to the musical portion of the programme were: Misses Salmon, Harris, and Sully; Messrs. Woodford, Brinsdon, Reed, and Callow. The Social Committee (Messrs. Sargent, Good, and Spriggs) were thanked for making the evening a success, and it was decided to hold a series of social evenings during the winter months.

CAMOUFLEURAGE.—The lard sold by the retail pork-butcher is, a correspondent informs us, frequently flavoured with rosemary by a process of *enfleurage*.

Pharmaceutical Society of Ireland.

Council-meeting.

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on October 14. At the opening of the meeting the outgoing President, Mr. James Michie, presided; and after the election of Mr. J. E. Connor, J.P., as President for the ensuing year (see *C. & D.*, October 18, p. 63), the latter took the chair. The following members of the Council were also present: Mr. G. D. Beggs, J.P. (Hon. Treasurer), Dr. J. A. Walsh, Dr. A. J. Barnes, Captain Dr. J. C. McWalter, Messrs. John Smith, Wm. J. Hardy, G. A. McLean Lee, D. M. Watson, Victor E. Hanna, Josiah R. Middleton, A. Owen Wells, Charles E. Digges, James Tate, William Doig, R. Blair, and H. Lancashire, J.P.

COUNCILLORS WELCOMED.

THE PRESIDENT (Mr. Michie) welcomed those members of the Council who had been returned at the recent election, and Dr. McWALTER briefly replied.

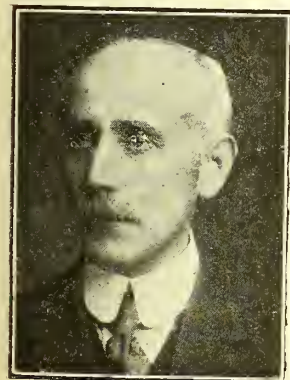
ELECTION OF PRESIDENT.

THE PRESIDENT said as his term of office had now automatically expired, he had very much pleasure in proposing that Mr. J. E. Connor, J.P., be elected as President. Mr. Connor had been for many years a member of the Council, and he had been most attentive to his duties.

He had a wide experience of pharmacy; he was a practical pharmacist himself; and he knew all their requirements.

Mr. A. OWEN WELLS seconded the motion.

Mr. WATSON supported the proposal. He suggested that the Council should consider the advisability of making some arrangement by which the outgoing Presidents of the Society should receive a reproduction of the President's badge of office, the arrangement to apply to all past-Presidents. He himself as a past-President was prepared to buy one and present it to the Society, if the Society would give one to him.



MR. J. E. CONNOR, J.P.

He certainly would like very much to have one.

Mr. TATE supported the election of Mr. Connor, who, he said, was a worthy member of a Northern house bearing a historic name—the name of Irish chieftains.

Mr. BEGGS, as one of the oldest members of the Council, had very great pleasure in supporting the election as President of their Vice-President.

Mr. MICHIE declared Mr. Connor duly elected President for the ensuing year. (Applause.)

Mr. CONNOR then took the chair, and returned thanks for his election. He said he appreciated the honour very much. Living in the country as he was he had few opportunities of doing the spade-work of the Society. But he knew that as they had so many capable men living in Dublin who understood the work so well that his duties would be fairly light. He would do all he could to uphold the traditions of the chair. He had had a long service as a member of the Council—twenty years, or perhaps more.

Mr. MICHIE then invested the new President with the badge of office, handed him the keys, and wished him a prosperous year. It was agreed to refer Mr. Watson's suggestion in reference to the provision of reproductions of the badge of office to the House Committee.

THE VICE-PRESIDENCY.

Mr. VICTOR E. HANNA proposed that Dr. A. J. Barnes be elected Vice-President. Three years ago, when Dr. Barnes came forward as a candidate, though he was a total stranger to the Council, he secured an extraordinarily high position—second or third place, and this year when he went forward again for election he obtained first place. This showed very clearly how the members of the Society throughout the country backed him up. He was well known not only in Ireland, but he was also very well known in Great Britain. He thought it would be very hard to find a more fitting man for the position.

Dr. WALSH seconded the proposal.

Mr. HARDY asked who was the senior member of the Council who had not occupied the position of President or Vice-President. He thought it was Mr. Richard Blair of Cork.

Mr. HANNA said he had Mr. Blair's name before him, but it would be quite impossible to carry on the Society with Mr. Connor in Newry and Mr. Blair in Cork. It was necessary to have either the President or Vice-President a Dublin man. Were it not for that he himself would have proposed Mr. Blair.

Mr. HARDY said he did not want to throw any discord into the meeting. Dr. Barnes was one of his best friends. But in his memory it had been usual to take members for the presidency in the order of their seniority. He did not think that the difficulty Mr. Hanna spoke of should arise, and that Mr. Blair's turn should be overlooked because he resided in Cork. He did not remember any Southern man other than a Dublin man occupying the chair. He had great pleasure in proposing that Mr. Blair be elected Vice-President for this year.

Mr. DIGGES seconded the election of Mr. Blair. Though Dr. Barnes was a very great friend of his, and though he was sure no better man could be elected to the position, still, he thought that, by reason of Mr. Blair's seniority on the Council, Mr. Blair was the proper man to elect.

Mr. WATSON said he did not think the matter of seniority had been an absolute rule at all. Mr. Blair, he was sure, knew him well enough to know that he would very much like to have him in the chair. Mr. Blair, he thought, had been already passed over.

Mr. LANCASHIRE: It is no credit to the members, then. The PRESIDENT (Mr. Connor) called for a show of hands and declared Dr. Barnes duly elected, eight voting for him and seven for Mr. Blair.

Dr. BARNES said he would really very much prefer to see Mr. Blair elected. He had thought for a very long time that it would be a very nice compliment to pay Cork. He did not remember a single instance of a Southern member of the Council occupying office; and he would far rather that his name be withdrawn and that Mr. Blair be elected. Could his name not be withdrawn?

The PRESIDENT said it was passed now.

OTHER OFFICERS.

Mr. WATSON proposed, and Mr. MICHIE seconded, the re-election of Mr. G. D. Beggs, J.P., as Hon. Treasurer. This was carried, and Mr. BEGGS briefly returned thanks.

Mr. MICHIE proposed that Mr. McLean Lee and Mr. Digges be re-elected auditors. Mr. BEGGS seconded, and the motion was carried unanimously.

ELECTION OF COMMITTEES.

The Committees were elected as follows:

Law Committee.—Dr. J. A. Walsh, Messrs. Geo. D. Beggs, Blair, V. E. Hanna, Wm. Hanna, Hardy, McLean Lee, Moffitt, Smith, Tate, Watson, A. Owen Wells, W. F. Wells, and Michie.

Committee to Inspect Candidates' Certificates.—Dr. Walsh, Messrs. Beggs, V. E. Hanna, Smith, and W. F. Wells.

House and General Purposes Committee.—Dr. Walsh, Captain Dr. McWalter, Messrs. Beggs, V. E. Hanna, Hardy, McLean Lee, Middleton, Smith, Watson, and A. Owen Wells.

School Committee.—Dr. Walsh, Messrs. Lancashire, Beggs, Digges, Hardy, Moffitt, Smith, Watson, and A. Owen Wells.

Declarations Committee.—Messrs. V. E. Hanna, Middleton, Smith, Watson, and W. F. Wells.

OPENINGS FOR EX-SERVICE MEN.

The Registrar (Mr. A. T. Ferrall) read a letter from the Ministry of Labour stating:

I am directed by the Minister of Labour to invite the co-operation of your Society in the solution of a difficult problem in the work of resettlement. Sir Robert Horne feels that, in spite of the generous help already given by the great professions and industries, even greater efforts are needed to win the sympathy of the employers of the country, and to enlarge the scope of their co-operation. The number of ex-Service candidates for professional and business training is now over 20,000, exclusive of some 3,000 for whom training has already been arranged. But less than 3,000 unfilled openings for training are at present available. Sir Robert Horne is particularly anxious to increase the facilities in this direction, and to obtain wider recognition for the view expressed to him by a great federation of employers, to the effect that war service ought to be regarded as a substitute for the premium which is ordinarily asked in respect of an introduction to training. With that hope Sir Robert Horne has drawn up an appeal of which copies are enclosed for the consideration of your Council. I am to ask if your Council could see its way to circulate this appeal as widely as possible among the members of your Society, and to give it publicity in your Journal or in transactions or other published records. Sir Robert Horne is confident that this fresh demand upon the sympathy which your Society has already extended to the ex-officer and man of similar education will be generously met. I am to add that if your Society is able to assist in disseminating the appeal the Appointments Department, Ministry of Labour, St. Ermin's Hotel, Westminster, S.W. 1, will be ready, on application, to co-operate with you to the best of its ability by supplying you with further copies of this appeal or otherwise.

The following is Sir Robert Horne's appeal:

On behalf of the ex-Service men who laid aside their careers at the call of duty, I make a strong appeal to you to aid them to fit themselves fully for the highest posts in the great professions.

The Government have decided to supplement private effort by means of maintenance grants under the Training Grant Scheme, which has been described in the Press and elsewhere. Training for professional qualification is usually best undertaken by service in an office or works, and it is in many cases the custom to charge a premium for pupils who take up such service. More openings for training are urgently wanted, and many ex-Service men cannot now afford to pay premiums.

These men have proved themselves ready to give up everything. Their sacrifice cannot be measured in money. But it can be repaid in part. I urge you to think of your debt to them as their premium, and to waive for them the usage of the profession, as many public-spirited firms have already done.

For over four years the normal supply of fully trained men has been stopped or diminished. More must be obtained in the next few years than ever before, if the profession is to recover its strength and face the economic struggle that is before the whole nation. I ask you, therefore, to make room for pupils to the utmost of your capacity and to aid the Appointments Department in the work of resettlement, by telling them of what you can do to help.

Dr. McWALTER suggested that the Society should communicate with the Ministry of Labour on the subject. The Ministry were spending enormous sums in sending men to Universities. A small sum spent on a man who wanted to become a pharmaceutical chemist would give a better return. He wondered if a member of the Society took an ex-Service man as an apprentice how much were the Ministry of Labour prepared to contribute towards his support.

The PRESIDENT thought Dr. McWalter's suggestion a very good one. He said Mr. Michie and himself were acting on a Committee in this department, Mr. Michie representing the Southern portion of Ireland and he representing the North. Cases were constantly coming up before the Committee in which sums of money up to 160*l.* a year were provided for the education of men who were going in for the medical and other professions. He did not see why the same privileges should not be extended to pharmaceutical chemists.

Mr. MICHIE said that at a few meetings back a letter was read from the Ministry of Labour with reference to the fees for ex-Service men; and it was ordered to be sent to the Employers' Association, as it was a matter

between the employer and the employé. He did not know what the Employers' Association had done with it. Applicants whose course in pharmacy had been interrupted got a grant for maintenance. In the case of engineers and architects and accountants and various other bodies who demanded a premium for apprentices, the Ministry would not pay any premium whatever, but they would give a maintenance grant and a grant for fees. Some chemists had taken ex-Service men as apprentices without fees, and the men obtained a maintenance grant from the Ministry of Labour. What troubled most employers was the labour question. The matter had to be handled with great delicacy at present. Anyone could take an apprentice with or without a fee. But to make it a general question was a delicate matter.

Dr. McWALTER said if members of the Society knew that if they took ex-Service men as apprentices without a fee they would get a grant for maintenance of 2*l.* a week, the way would be very clear. One must be a little careful, still they had not brought the question of apprenticeship to the same fine point as the engineers. If the Ministry gave a grant of 2*l.* or 2*l.* 10*s.* a week, the Society might see its way to recommend the taking of apprentices without fees.

Mr. HARDY said that no later than the previous day he had signed in Belfast a recommendation form for a maintenance grant of 12*l.* a month for a pharmaceutical man. The recommendation was sent to London.

The matter was referred to the Law Committee.

RESTORED TO THE REGISTER.

The Registrar submitted a communication from Mr. George Frederick Stevenson, now resident in New Zealand, applying for restoration to the Register of Pharmaceutical Chemists. It appeared that his name had been struck off as a letter addressed to him had been returned. The Council directed that Mr. Stevenson's name should be restored to the Register.

NORTH IRISH PHARMACISTS' ASSOCIATION.

The Registrar read a letter, dated September 2, from Mr. James Dundee, M.P.S.I., Hon. Secretary of the North Irish Pharmacists' Association, stating:

Replying to yours 16th July, my Committee (judging from published reports of the Council meetings, and direct reports from some members of Council who are also members of our Association, followed by your letter suggesting a conference) assume that the Council is entirely convinced of the necessity for an improvement in your educational affairs. May we also assume their earnestness in producing this improvement, and will they co-operate with us in bringing about a really useful conference of educational experts and others to deal with this most important subject? On this assumption we are prepared to send up a deputation thoroughly familiar both with educational and trade matters.

The Registrar stated that he had written to Mr. Dundee in reply, stating that his letter was too late to go in the agenda for the September Council-meeting, and adding, "You have omitted to supply the particulars asked for in my letter of July 16." [The letter of July 16 stated: I was directed to ask you to kindly forward a statement giving particulars of the alterations suggested. It is thought that it might be desirable to have a conference, and my Council is willing to receive a deputation, but it is first necessary to know the points to be discussed.]

Mr. Dundee wrote again on September 30:

In reply to yours of the 3rd inst., it is hardly necessary to write you further on this matter until we have the reply of the Council to my last of September 2, 1919. It is entirely beside the point to ask us for exact details of alterations suggested. My Committee beg to remind you that the Council itself has admitted the necessity for improvement in many directions. All practical business men who trouble to take any interest in the matter at all have felt for years that our examinations are not adapted to the needs of the present day. Some of the alterations required are easily obtainable, others will be matters of more difficulty, but all of them are possible, if we are in earnest about getting them. That is why we welcome the suggested conference. I enclose list of queries which my Committee suggest might be very much enlarged to form the basis for a discussion at the proposed conference.

The queries referred to were as follows :

The present examination is purely professional. What percentage of pharmacists make their living by the professional side?

For whose benefit is the examination conducted? Is it for the Government only? Or is it for the pharmacist himself? Or is it for the medical profession?

Is it unreasonable for the pharmacist to expect that, after fulfilling the legal requirements, the examination should be directed for his benefit?

Does the examination, as at present conducted, really meet the professional standard of to-day? Asepsis is the bedrock of the medical profession. What percentage of newly-fledged L.P.S.I.'s are capable of preparing a sterile solution? of sterilising an instrument? of handling properly sterile dressings?

The present qualification is of use only to the pharmacist opening shop. Its usefulness is notoriously limited. Would the Council consider it desirable to bring about the legal recognition of the pharmacist in analysis for Public Health authorities?—a condition already in being on the Continent.

The Pharmacy Act lays down the requirements that candidates must be examined in certain subjects. Where does it lay down the requirement that the candidate must not be examined in any other?

If it be admitted that the commercial requirement is a gross omission from the present Pharmacy Acts, why should such a condition be allowed to remain?

Has the Council ever suggested alterations and improvements in the examinations on the commercial side, and have the authorities ever refused their sanction to such improvements as are now necessary?

The present Preliminary examination is useless to the candidate and a source of expense to the Society. Why not wipe it out and accept a recognised standard examination such as Matriculation that will be of some practical use to the pharmacist in after-life?

Mr. MICHIE said he did not think this letter was any reply to the Council's letter of July. They gave the Council no information whatever. In the first portion of their letter the Association stated that there was too much of the professional side, and in the latter portion they stated there was not enough of the professional side. The Society's functions were laid down in the Calendar. There were certain subjects in which they had to examine. What use would it be to load the examination with other subjects which were of no use to the candidates? The Preliminary examination might be done away with, but at the same time he considered that it fulfilled a useful object. He did not understand what the writers of these letters wanted as regards remodelling.

The PRESIDENT said the Act of Parliament limited the subjects on which they were to examine, and they could not go outside these subjects except by getting a special Act of Parliament.

Mr. LANCASHIRE asked : Was not the original application one that a consultation should take place of some educational experts and members of the Council to go into the whole matter of the examinations and to suggest any improvements that they thought would be for the improvement of the examinations?

The PRESIDENT said that was the original suggestion. But then the Council asked that the Association should indicate what they thought necessary before a conference was called; and that had not been done.

Mr. WATSON asked what was the use of calling a conference to discuss defects which they had not yet discovered. If the North Irish Pharmacists' Association would point out any defects which they could find he was sure the Council would consider the advisability of this conference or any other means of remedying these defects.

Mr. HARDY said the Preliminary examination should either be made acceptable to the General Medical Council or they should abandon it altogether.

Mr. HANNA said they should correct the suggestion that the examination was run at a loss to the Society.

Dr. MCWALTER suggested that the Association should be asked to specify the alterations they wished to be made.

Mr. TATE said he could not say that he was in entire agreement with the Association. However, he thought they were in this matter advancing ideas which were in

advance of those of the Council. When the Council acted in accordance with the Act of Parliament, what more could they do? To take up business matters was entirely out of their sphere. Until the Association asked the Council to do something reasonable, and formulated their reasons, he thought the Council had better wait and see. (Hear, hear.)

It was decided to reply to the communication as suggested by Dr. McWalter.

REGULATION *re* EX-SERVICE MEN.

The Registrar submitted a communication from the Privy Council Office transmitting copies of an Order in Council approving of the following regulation :

That Pharmaceutical Licence Examination Regulation No. 1, in so far as it requires the Preliminary examination to be passed prior to the four years' service at pharmacy, shall not apply to any person submitting proof of having served with His Majesty's Forces within the period 1914-1919.

PRELIMINARY REGISTRATION.

The following, who submitted certificates from other bodies, were admitted to Preliminary registration :

Poter B. Buckley, Thos. Burke, John Coffey, Gertio Donnelly, Daniel L. Donovan, H. E. Dummer, David H. Glick, Gabriel Glick, Geo. W. Irwin, Patrick F. McGrath, Louis McHenry, Robert P. McMahon, Wm. Potts, Joseph P. Rickerby, and Robert G. Torrens.

APPLICATION FOR RECOGNITION.

The Registrar submitted a letter from Mr. W. J. C. Davis, Secretary of the Municipal Technical Schools, Dundalk, applying for recognition of the Municipal Technical Schools, Dundalk, as a centre (a) for the course of lectures in theoretical chemistry required by Pharmaceutical Licence Regulation XVI., and (b) for the course in practical chemistry of not less than three months in the laboratory as required by Pharmaceutical Licence Regulation IV.

It was decided to recognise the course in theoretical chemistry.

CONCESSION TO EX-SERVICE MEN.

Arising out of a discussion on the question of giving concessions to those who have served in the war, the following resolution was proposed by Dr. McWALTER, seconded by Mr. BLAIR, and passed unanimously :

That the Council will be prepared to accept, in the case of persons who have left the service of any pharmaceutical chemist, or registered druggist, or chemist and druggist, to join His Majesty's Forces, and who have served therein during the war, such proof of having passed an examination, or of adequate general intellectual training, as the Council may consider equivalent to their Preliminary examination.

REPORTS FROM COMMITTEES.

Reports from the following Committees were received and adopted : The Law Committee, the Certificates Committee, the Declarations Committee, and the House Committee.

IRISH PUBLIC HEALTH COUNCIL.

Mr. SMITH called attention to the absence of any representative of pharmacy on the Irish Public Health Council, and suggested that steps should again be taken to press their claims for representation.

On the motion of Dr. MCWALTER, seconded by Mr. LANCASHIRE, the following resolution was passed :

That in view of the importance of their working for the prevention and cure of disease, and for public health research, the Council of the Pharmaceutical Society of Ireland again request representation on the Public Health Council.

CHANGES OF ADDRESS.

The following wrote notifying changes of address :

Mr. R. M. Bronté, Ph.C., to Avoca Terrace, Blackrock, co. Dublin; Mr. Donald Charles McDougall, Ph.C., to 57 Lower Mountpleasant Avenue, Rathmines, co. Dublin; Mr. Charles R. McMullen, Ph.C., to c/o Messrs. Kiloh & Co., Ltd., Cork; Mr. W. J. Moore, Ph.C., to c/o Mr. James Hill, Ph.C., Strabane; Mr. David J. Pinkerton, Ph.C., to c/o Mr. R. Chapman, The Diamond, Donagall; Mr. Geo. E. Robinson, Ph.C., to c/o Mr. Lloyd Wood, 64 Gerrard Street E., Toronto, Canada; Mr. Percy R. W. Shinner, Ph.C., to 45 University Street, Belfast; Mr. James Mahaffy, chemist and druggist, to 1 Station Mansions,

Wealdstone, Harrow; Mr. Robert Campbell, R.D., to McIntosh, South Dakota, U.S.A.; Mr. Wm. Alfred Gray, R.D., to Ogle Street, Armagh; Mr. R. J. Groves, R.D., to 5403 Chestnut Street, Philadelphia, U.S.A.; Mr. Robert Kells, R.D., to 90 Albert Bridge Road, Belfast; and Mr. Sylvester P. Phelan, R.D., to c/o Messrs. Geo. White & Sons, Ltd., Waterford.

ELECTIONS.

The following were elected as members:

Mr. J. F. Addy, Ph.C., Main Street Pharmacy, Bangor; Mr. J. M. Burke, Ph.C., 8 Cambridge Terrace, Dartmouth Square, Dublin; Mr. R. J. Carter, Ph.C., Clontarf Pharmacy, Fairview, Dublin; Mr. A. L. Casey, Ph.C., Garrison, Belleek, co. Fermanagh; Mr. T. Costelloe, Ph.C., Castle Island, co. Kerry; Mr. C. Doorly, Ph.C., The Medical Hall, Roscommon; Mr. P. Gleeson, Ph.C., The Medical Hall, Main Street, Bruff, co. Limerick; Mr. J. R. Moloney, Ph.C., Medical Hall, Castlecomer, co. Kilkenny; Mr. R. Morrow, Ph.C., 59 South Street, Newtownards; and Mr. J. T. O'Sullivan, Ph.C., O'Sullivan's Pharmacy, 105 Old George's Street, Cork.

The following were elected as Associate Druggists:

Mr. T. J. Doyle, R.D., Rosedene, Malahide Road, Clontarf, Dublin; Mr. J. L. Duane, R.D., 151 Emmet Road, Inchicore, Dublin; Mr. G. A. Elliott, R.D., Convoys, co. Donegal; and Mr. F. J. Molyneux, R.D., Derrinduffe, Duagh, Kilmorna, co. Kerry.

Examination Results.

The following is the result of the recent examination held in Dublin:

REGISTERED DRUGGIST EXAMINATION.—The following passed (names in alphabetical order): Joseph Dougherty, Cullybackey; William Frederick Jackson, Loughgall; James Ryan (Dublin); John Simpson (Maghera); Charles Ambrose Talbot (Belfast). Five candidates were rejected.

A Profiteering Poster.

"JAY MACK" sends us the following suggestion for a window poster to educate the public as to the reason for the difference in prices now and in 1914:

PRICES.

Six Most Popular Drugs.

	1914		1919		Retail Price Should Be
	Retail	Cost	Retail	Cost	
1. Epsom Salts . . .	1d. oz.	9s. cwt.	1d. oz.	27s. cwt.	3d. oz.
2. Liqueur Powder .	1½d. oz.	8d. lb.	3d. oz.	2s. lb.	4½d. oz.
3. Boric Acid . . .	1d. oz.	30s. cwt.	3d. oz.	120s. cwt.	4½d. oz.
4. Sulphur . . .	1d. oz.	10s. cwt.	1d. oz.	40s. cwt.	4½d. oz.
5. Camphor Oil . .	3d. oz.	1s. 3d. lb.	6d. oz.	6s. 8d. lb.	1½ oz.
6. Linseed Meal . .	4d. lb.	15s. cwt.	1s. lb.	90s. cwt.	2s. lb.
A. Paper . . .	1914	2d. lb.	1919	1s. lb.	
B. Labels . . .	1914	1s. 1,000	1919	3s. 1,000	

The Profiteering Act allows a trader to add the same rate of profit as he added in pre-war 1914.

Our contributor suggests that the following facts might be added:

15s. out of every 1l. of the chemist's trade is in patent medicines, with prices fixed and marked thereon.

2s. is insurance dispensing at such low prices that the Scotch "struck" three years ago, and in England we are threatening to do the same (the Scotch price is higher).

3s. is in drugs, and can nearly all be accounted for by the six cases given. Yet the druggist has to keep 5,000 other drugs, some of which sell only once a year.

The prices are too low, and could be, and should be, raised, which would be quite in accord with the Act; and if any unfair burdens are put upon us they will have to be raised.

Drug Union Arbitration.

THE award was issued on October 18 of the Court of Arbitration in the claim of the Amalgamated Society of Pharmacists, Drug and Chemical Workers for increased wages and a reduction of hours. The claims made by the Society were as follows:

(1) For the reduction of the working week to one of 44 hours.

(2) That overtime should be paid for at the rate of time-and-a-half.

(3) That the minimum rates of wages be as follows:

(a) Males, Class I., 65s.; II., 62s. 6d.; III., 60s. a week.

(b) Females, Class I., 45s.; II., 43s.; III., 40s. 6d.; IV., 37s. 6d. a week.

(4) That foremen should receive 20s. in addition to the minimum of each class.

(5) That deputy foremen should receive 10s. in addition to the minimum in each class.

(6) That not less than the minimum rate of wages according to age and grade should be paid to piece workers.

Claims (1), (3), (4), and (5) were held not to have been established. In regard to (3) the information before the Court was that the minimum rates paid to the workers at present are as follows:

(a) Men. Twenty-one years and over, Class I., 55s.; II., 52s. 6d.; III., 50s. a full week.

(b) Women. Eighteen years and over, Class I., 40s.; II., 35s.; III., 35s. 6d.; IV., 32s. 6d. a full week.

As from the beginning of the first pay period in August 1919, all adult male employees concerned in receipt of wages not exceeding 15s. above the minimum rates (set out above) for their respective grades shall receive an advance of 5s. a week. Those in receipt of wages in excess of 15s. above the minimum rates shall receive such advance as will give them rates not exceeding 20s. above the existing minimum for their respective grades.

Payment for overtime is to remain as at present, at the rate of time and a quarter for the first two hours, and time and a half thereafter. The weekly minimum rates for timeworkers are in future to be graduated rates for pieceworkers, according to age and grade. The settlement of the rates for women workers is referred back pending negotiations which are contemplated with the Drug and Fine Chemical Manufacturers' Association, but in the event of no satisfactory settlement being come to it will be open to the parties to apply to the Court for a decision.

MR. FRANCIS FLETCHER, The Seven Gables, Sutton Coldfield, a director of Wyleys, Ltd., Coventry, who died on May 15, has left estate of the value of 39,090l. 6s. 1d., with net personalty 34,025l. 15s. 9d. The testator gives certain annuities, leaving the residue of the property in trust for his wife during widowhood, with ultimate remainder to the University of Birmingham for providing scholarships for boys and girls desirous of entering the medical profession, on the following condition: Each scholarship to be of the value of 100l. and tenable for five years and to be called the Frank Fletcher Scholarships for Boys and Catherine Fletcher Scholarships for Girls. The scholarships to be for the purpose of enabling the holders thereof to pay the University fees, including hospital and examination fees and to procure books and apparatus requisite for a University course. Scholars to be boys and girls whose parents belong to the industrial classes and earning a daily or weekly wage not exceeding 50s. a week, to be selected from those attending public elementary schools or for boys from grammar schools and girls from municipal high schools who have won their way from the lower-grade schools, but they must be sons and daughters of bona-fide working men and women. The above provisions in regard to the scholarships are framed with a view of affording to the children of bona-fide wage-earners opportunities of a career in the medical profession "as in my opinion there are potentialities of the born doctor being found amongst such children, in which case it would be in the interest of medical and surgical science, also to the benefit of humanity, believing as I do that the service of man is the highest worship of God."

Legal Reports.

A Successful Defence.—In Southwark County Court, London, recently, John Gosnell & Co., Ltd., soap makers and perfumers, Blackfriars Road, brought an action against E. W. Day, wholesale warehouseman, Essex Street, W.C., to recover 14*l.* 10*s.* 3*d.* for goods supplied. According to the evidence of a departmental manager of plaintiffs, a man called on them and presented the defendant's card. An order was accepted; the parcel was subsequently handed to a girl in defendant's service, who signed the delivery note after conferring with the man who had previously presented Day's card. The defendant said he had a canvasser in his employment who impersonated him when giving the order for the goods. He had no authority to do so. Judgment was given for the defendant, with costs.

A Transaction in Wine.—At Manchester City Police Court, recently, Thomas Franklin Wrigley (trading as Franklyn & Wadsworth), manufacturing chemist, Brazenose Street, was summoned at the instance of the Customs and Excise authorities for selling wine wholesale without a licence. It was stated for the prosecution that a Customs inspector received a circular from the defendant in the following terms: "We beg to offer you, subject to being unsold, the following chemicals," champagne being one of the "chemicals" offered. The inspector sent a remittance for 12*l.* for a case of the champagne, and it was duly delivered. Later, when the defendant was seen about the transaction, he told the inspector he did not know a licence was required, adding that he and others had been in negotiation to supply to the Air Ministry, but that when the deal fell through he tried to sell it by sending out circulars to the trade. Invoices in defendant's possession showed champagne purchases between July 10 and August 14 amounting to 4,254*l.* A fine of 100*l.* was imposed.

Workmen's Compensation Act.—In Bow County Court, London, on October 22, application was made by Henry G. D. Turner for an award against Abram Lyle & Sons, Ltd., sugar-refiners, Silvertown, E. It was stated for the applicant that on July 4 he was charging iron pipes with char, a kind of bone substance with acid in it, when there was an explosion. He was badly burned, and some of the acid and char went into his eyes. Judge Graham asked what char was composed of, and counsel admitted he did not know. Applicant said he was paid 25*s.* a week to July 30, when it was stopped, but he had not been able to work since. Dr. Crowley agreed that the lad was not fit to go back to work. For the defence, Dr. Toogood said he did not believe a word the lad said about his sight. Dr. Bate examined the lad, and, after a consultation, Judge Graham decided that the applicant could have worked at the end of July, and found for the respondents, with costs.

New Companies and Company News.

²C. means Private Company and R.O. Registered Office.

CHEMICAL AND COMMERCIAL TRUST, LTD. (P.C.).—Capital 25,000*l.* Objects: To carry on the business of manufacturing and analytical chemists, etc. R.O., 41 Finsbury Square, London, E.C.

WILLIAM JARVIS, LTD. (P.C.).—Capital, 2,000*l.* in 1*l.* shares. Objects: To take over the business of a chemical manufacturer now carried on by W. Jarvis at Eclipse Chemical Works, Coatbridge. R.O.: Eclipse Chemical Works, Whittington Street, Coatbridge.

SEEDHOUSE & STUDMAN, LTD. (P.C.).—Capital, 5,000*l.* Objects: To acquire the recipes and the sole right to manufacture and deal in Seedhouse's Gingerette, Lemonette, and other preparations of a similar nature. R.O.: 121 Ossulston Street, St. Pancras, London, N.W. 1.

CALVARY DYES, LTD. (P.C.).—Capital 25,000*l.* Objects: To carry on at Mirfield, Yorks, and elsewhere the business of manufacturers of and dealers in aniline and other dyes, etc.

WALTER EVERITT, LTD. (P.C.).—Capital, 10,000*l.* Objects: To take over the business of an analyst and manufacturing chemist formerly carried on by W. Everitt & Co., Ltd., at Norwood Wharf, Southall, and to enter into an agreement with W. Everitt, A. Cunningham, and J. K. Bisgood.

MEADOWS OPTICAL CO., LTD. (P.C.).—Capital, 5,000*l.* Objects: To carry on the business of manufacturers of and dealers in all kinds of scientific instruments, optical materials, photographic requisites, and engineering instruments, etc. R.O.: 128 Junction Road, Upper Holloway, London, N. 19.

J. & E. FERRIS, LTD. (P.C.).—Capital, 6,000*l.* Objects: To carry on the business of manufacturers of artificial limbs and surgical instruments and appliances, etc., and to adopt an agreement with E. O. Hosking (trading as "J. & E. Ferris"). Solicitor: B. Blewitt, 141 Fenchurch Street, London, E.C.

JOHN J. BOWATER, LTD. (P.C.).—Capital 20,000*l.* Objects: To take over the business carried on by J. J. Bowater at West Bromwich, and to carry on the business of oil and colourmen, merchants, importers, and manufacturers of and dealers in oils, paints, pigments, varnishes, japan colours, drugs, drysalts, etc.

JOHN SCOTT & WATSON, LTD. (P.C.).—Capital 3,000*l.* Objects: To acquire the business carried on at 78 Berkeley Street, Glasgow, as the Kildust Company, and the business carried on at the Phoenix Chemical Works as "Scott & McQueen," and to carry on the business of manufacturers of labour-saving preparations, etc. R.O., Phoenix Chemical Works, 61 Pollock Street, Pollokshaws, Glasgow.

STUBBS PATENT COLLAPSIBLE BOX CO., LTD. (P.C.).—Capital 5,000*l.* Objects: To acquire the letters patent of J. S. Stubbs in connection with the manufacture of patent and collapsible boxes, to carry on the business of manufacturers of packing cases in wood, metal, strawboard, etc., and to enter into an agreement with J. S. Stubbs. The managing director is J. S. Stubbs, 21 Albert Drive, Aintree, Liverpool.

GEORGE MOORE, LTD. (P.C.).—Capital 10,000*l.* Objects: To take over the business carried on at National Works, Redditch, as "George Moore," and to carry on the business of manufacturers and factors of machine, sewing, surgical, and hypodermic needles, fittings and syringes, and accessories, fish hooks, fishing rods, tackle, and accessories, etc., and to enter into an agreement with P. T. Evans, C. Slater, Florence K. Slater, and Marian L. Moore. R.O., National Works, Red Lion Street, Redditch.

LEWIS & PEAT, the well-known produce brokers, is, the "Daily Express" states, to be formed into a limited company, with a capital of 500,000*l.*, of which 200,000 cumulative preference shares of 1*l.* each, bearing interest at 7½ per cent., are to be offered for subscription.

EVANS SONS LESCHER & WEBB LTD.—This company inserts in this issue a prospectus of a new capital issue of 150,000 ordinary shares. The offer was to have been made in July, but was postponed owing to the appeal of the Chancellor of Exchequer to issuing houses to allow the Peace Loan a free field. The company has an authorised capital of 750,000*l.*, of which shares representing 512,754*l.* have been issued. The new shares of 1*l.* each are being offered at a premium of 10*s.* per share, which is justified by the fact that the average dividend paid on the ordinary shares for the past five years has been 12 per cent., free of income, equivalent at 30*s.* per share to 8 per cent., free of income-tax. The company is well-known in the drug-trade, and in allotting shares the directors intend giving special preference to customers and existing preference shareholders. The prospectus printed in our advertisement pages carries with it a form of application for shares. Attention is also called to the auditors' statement of profits and dividends during the past ten years.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Blackburn.—For the half-year ended June 30 the number of prescriptions dispensed was 78,419, at a cost of 2,593*l.* The amount available to chemists for medicines dispensed during 1918 was 4,702*l.*

London.—A meeting of the Pharmaceutical Committee was held on October 14, Mr. A. J. Wing (Chairman) presiding. A letter was received from the Panel Committee suggesting the revision of the London Insurance Pharmacopœia. The Pharmaceutical Committee decided to co-operate by equal representation, subject to the publication of a revised copy by the London Insurance Committee. In connection with the proposed revision of the terms and conditions of dispensing service under the Ministry of Health for 1920, the Committee considered that chemists should be urged to remain on the panel until they have examined the new regulations. The report of the Central Checking Bureau for May, June, and July 1919 showed that the margin of error in pricing was 0.08, 0.16, and 0.17 per cent. respectively. The Secretary reported the result of the inquiry into the reason for the high percentage of error in pricing the March prescriptions. A doctor in the Western area has been granted permission to supply drugs and appliances to his patients for twelve months from October 1. Particulars of the January, June, and July (early) prescriptions are as follows:

Amount of accounts	January.	June.	July.
... 11,502 <i>l.</i> 11 <i>s.</i> 2 <i>d.</i>	8,218 <i>l.</i> 8 <i>s.</i> 10 <i>d.</i>	8,446 <i>l.</i> 9 <i>s.</i> 8 <i>d.</i>	
Total scripts ...	293,419	213,372	221,480
Av. cost per script ...	9.41 <i>d.</i>	9.03 <i>d.</i>	9.15 <i>d.</i>
Av. cost per prescription ...	7.82 <i>d.</i>	7.44 <i>d.</i>	7.48 <i>d.</i>

The comparative statement for the second quarters of the years 1918 and 1919 showed the following averages:

	1918.	1919.
Average cost of ingredients ...	3.63	3.70
" " fees ...	3.33	3.73
" cost per prescription ...	6.93	7.43
" " person ...	4.63	4.44

Particulars of insurance dispensing for the first half of the years 1915, 1916, 1917, 1918, and 1919 are as follows:

Jan.—June.	Scripts.	Value.	Price.
1915 ...	2,195,467	72,049 <i>l.</i> 18 <i>s.</i> 9 <i>d.</i>	7.8 <i>d.</i>
1916 ...	1,946,821	52,504 <i>l.</i> 18 <i>s.</i> 3 <i>d.</i>	6.45 <i>d.</i>
1917 ...	1,827,829	50,174 <i>l.</i> 7 <i>s.</i> 7 <i>d.</i>	6.59 <i>d.</i>
1918 ...	1,766,399	49,809 <i>l.</i> 1 <i>s.</i> 7 <i>d.</i>	8.09 <i>d.</i>
1919 ...	1,842,465	69,210 <i>l.</i> 15 <i>s.</i> 7 <i>d.</i>	9.02 <i>d.</i>

The work done by the special section dealing with complaints as to the facilities for dispensing after 8 p.m. was described, and the Secretary's report was then adopted. The question of hours of business and dispensing service was postponed for further consideration.—A meeting of the Insurance Committee was held on October 23, at which the reports of the various Sub-Committees were considered. The following is abstracted from the agenda: The Finance Sub-Committee reported that 768*l.* and 605*l.* have been advanced to the Panel and Pharmaceutical Committees for administrative expenses during 1919. The average cost of medicines for insured persons in 1918 was 1*s.* 11.08*d.*, as compared with 1*s.* 6*d.* in 1917. The sum of 4,399*l.* 3*s.* 4*d.* is to be transferred from the Drug Fund to the Practitioners' Fund. (In 1917 the doctors received the whole amount derived from the "Floating Sixpence.") In the statement of accounts for payment, dispensaries under the Sanatorium Benefit Fund have been credited with 1,315*l.* The accounts amounted to 88,465*l.* 6*s.* 4*d.*

including payments to chemists for the medical year 1913, which amounted to 196*l.* 1*s.* 9*d.*, and for 1919 to 9,848*l.* 18*s.* 10*d.* War bonuses paid to doctors in October amounted to 4,188*l.* 8*s.* The Medical Benefit Sub-Committee recommended that a company of chemists be granted permission to withdraw from the panel, and that the thanks of the Committee be tendered to the company for the services rendered to insured persons during the period of the war, and entirely without payment. With regard to the Early Closing Bill, the Sub-Committee pointed out that the Panel Committee passed a resolution against practitioners accepting responsibility for the dispensing of medicines except under extreme circumstances. Complaints from only a very few districts have been received with regard to the dispensing of urgent prescriptions after hours, and in these districts a special service by rota has been established. The Committee therefore considered that a scheme for the county as a whole for the dispensing of medicines after closing hours is unnecessary. The Medical Benefit Sub-Committee reported that the names of five persons had been added to the list of those supplying medicines and appliances, and seven removed therefrom. The numbers on this list on September 30 included 688 chemists in general business, thirty-six in institutions, and twenty-four other persons.

Middlesex.—A meeting of the Pharmaceutical Committee was held on October 15, Mr. Herbert Skinner in the chair. Mr. Arthur Flood was co-opted as a member in place of the late Mr. E. F. Strickland. The report of the checking supervisor included the following statistics:

	Scripts	Av. Cost	Prescrns.	Av. Cost
June ...	46,441	9.06 <i>d.</i>	54,034	7.79 <i>d.</i>
July ...	50,435	9.41 <i>d.</i>	60,700	7.82 <i>d.</i>
August ...	49,071	9.40 <i>d.</i>	58,929	7.83 <i>d.</i>

A letter was received from the Ministry of Health intimating delay in formulating the regulations for 1920, and it was decided to write to the Local Associations Executive expressing dissatisfaction that so little progress appears to have been made with the negotiations in respect of next year's terms for Health Insurance service.

Sussex (E.).—At a meeting of the Insurance Committee, held on October 7, it was reported that the number of prescriptions dispensed during the quarter ended June 30 amounted to 27,421, the average price per prescription was 8.55*d.*, the average cost per insured person 6.12*d.*, and the total cost 976*l.* 12*s.* 3*d.*

SCOTLAND.

Dundee.—A meeting of Panel chemists in Dundee Burgh Area was held at Mathers' Hotel, Dundee, on October 17, at which there was a good attendance. Mr. Chas. Stephen presided and reviewed the situation from 1913 to the present day, showing from statistics that establishment charges had increased so much that a fourfold increase in dispensing fees would now be required to meet the new conditions. After a discussion it was unanimously agreed to send Mr. Stephen and Mr. John Anderson as delegates to the meeting in Edinburgh on October 22, with instructions to recommend that dispensing fees be increased fourfold, or to a minimum of three times those at present ruling.

MR. T. H. LEACH, chemist and druggist, has acquired the business of the late Mr. Arthur Armit, St. Giles Street, Northampton, and has transferred it to 8 Sheep Street. Mr. Leach, who was for some years with Mr. G. Claridge Druce, Ph.C., Oxford, was one of the English delegates to Australia with the British Association in 1914. On his return he joined the Tank Corps, and was wounded in the Cambrai battle.

RATS AND DISINFECTANTS.—It is stated in "The Morning Post" of October 21 that while in camp at Englefield Green the Canadian Forestry Corps were tormented by a plague of rats, whereas at a military hospital only a mile away not a rat has been seen for three years. The immunity of the hospital is attributed to the free use of "creosote substance" in the drainage system.

Price-list Construction.

The necessity of constructing retail drug-trade price lists on a basis that can be defended if need be before a Profiteering Committee is obvious. We have accordingly asked Mr. Chas. Philip to explain the principles upon which he has drawn up the "Standard" retail price list. Our contributor adds some observations about the Profiteering Act.

WHEN the "Standard" retail-price list was first published the retail prices current at that time—pre-war prices—were taken as the standard retail price, and the profits afforded at these prices were adjusted to definite percentage rates of profit out of turnover, and the percentage rate thus obtained was placed as the first two figures in column 3 of the S.R.P.L. As costs rose during the war some of these rates of profit had compulsorily to be diminished, in order that the enormously increased cost should not render the prices prohibitive and cause the article in question to become obsolete, while, as costs have dropped slightly, an endeavour has been made to regain some of the sacrificed profit, but on the whole the S.R.P.L. rates of profit are barely the pre-war rates of profit.

In the S.R.P.L. column 1 represents the wholesale-list price per lb., except where another quantity is stated. Column 2, in the case of solids, is the equivalent cost in apothecaries' weight, and in the case of liquids column 2 represents the equivalent cost of 16 fl. oz. or other stated quantity, thus insuring a degree of accurate costing never before attempted. The figures after the diagonal line in column 3 refer to tables used for the extension of the prices. These tables were published some years ago and are now out of print, but a little explanation of them will be sufficient. Tables 6 and 15, where used, give the prices for the quantities stated to the nearest $\frac{1}{2}$ d. up; while Table 7, which is only used for the lower-priced articles (under 10s. a lb.), gives an increasing rate of profit on smaller quantities according to the following system: 8-oz. quantities bear 5 per cent.; 4-oz., $12\frac{1}{2}$ per cent.; 2-oz., 20 per cent.; 1-oz., 25 per cent. more profit than on the lb. price; but it should be remembered that wholesalers also charge the retail chemist 25 per cent. more on 1-oz. quantities than on pounds. Columns 5, 6, 7, 8, 9 give the retail prices for the quantities stated in the headings; dark figures (*i.e.*, figures printed in thicker type) correspond to the upper or dark heading, and light figures correspond to the lower or light heading; or dark figures are prices for the various ounces (avoirduupois weight and fluid measure), light figures for drams (apothecaries' weight or measure). "Solids by weight and liquids by measure." It will be seen, therefore, that the S.R.P.L. is built on scientific principles, by definite systems, with definite percentage rates of profit, and all calculations are to the nearest $\frac{1}{2}$ d. up.

THE PROFITEERING ACT.

As the Profiteering Act is being applied to the drug-trade—a trade dealing in thousands of different articles and at many different rates of profit—it creates a most difficult position, which is further complicated by the probable heterogeneous composition of the local tribunals; for, however well chosen these may be, it is impossible to have all interests represented. Practically every trade requires a different percentage of profit in order to make a living, and that percentage depends chiefly on the turnover and the frequency with which the articles are required. A baker or grocer is required every day; a chemist, perhaps, not once a week; hence the chemist's rate of profit must be much higher than that of the baker and grocer. It is impossible to lay down one definite rate of profit for all the conglomeration of articles we handle. There are stamped medicines only allowing 6 per cent., and the stamp prevents a higher price being charged. The loss incurred on the sale of such must be counter-balanced by charging on another article what appears at first sight an excessive profit, but this is the only means a chemist has of making an all-round living profit. Generally speaking, drugs, sundries, and fancy goods are compelled to bear high profits in order to make good for the non-profitable proprietaries.

The cost of living has doubled, the cost of trading has considerably increased, and, in my opinion, the S.R.P.L. prices are not yet high enough to meet the increased expenditure; but while chemists work with guess prices, which are often too low, the standard of profit cannot be increased. At present I am inundated with orders for the S.R.P.L. and for my opinion with regard to the S.R.P.L. and profiteering, and I shall be glad if my correspondents will take these remarks as expressing my views on the matter. It appears that, although all the manual workers of the country are considered to be entitled to double wages, the nation of shopkeepers must abide by their pre-war rate of remuneration.

Births.

HAMMOND.—At Rashleigh Mills, Chulmleigh, on October 15, the wife of William J. Hammond, chemist and druggist (Boots, Ltd., 53 High Street, Exeter), of twin sons.

REEVE.—At "Northfield," Ilkeston, on October 5, the wife of William H. Reeve, chemist and druggist, of a son.

Marriage.

DAVIES—STEER.—At St. Thomas's Church, Rhyl, on October 2, by the Ven. Archdeacon Lloyd, Herbert Crabbe Davies, pharmacist, only son of the late Mr. T. M. Davies, pharmacist, 20 Bodfor Street, to Helen Mary, younger daughter of the late Mr. H. A. Steer, "Kenmore."

Deaths.

BAXTER.—At Benburb, Co. Armagh, recently, after a long illness, Mr. William Baxter, Ph.C. Mr. Baxter, who qualified in 1903, was successively manager to J. & J. Haslett, Ltd., wholesale druggists, North Street, Belfast, and Hugh Moore & Alexanders, Ltd., wholesale druggists, Yarnhall Street, Dublin.

BLACKBOURN.—At 47 Park Road, Moseley, on October 15, of pneumonia, Mr. Arthur Blackburn, chemist and druggist, aged sixty-eight. Mr. Blackburn was for many years in business in Birmingham, latterly in Gooch Street, and previously in Longmore Street and Moseley Road. He was a member of the local committee at the 1906 Birmingham meeting of the British Pharmaceutical Conference.

BRIGHOUSE.—At Pateley Bridge, on October 13, Mr. Charles Davidson Brighouse, chemist and druggist, aged fifty-six. Mr. Brighouse was for many years in business at 330 Beverley Road, Hull. He retired last summer (*C. & D.*, July 12, p. 62).

CHADWICK.—At Lodge Moor, on October 20, after a brief illness, Mr. John Chadwick, chemist and druggist, 252 Langsett Road, Sheffield, aged sixty-two. Mr. Chadwick was in business at Church till eleven years ago, when he removed to Sheffield. He took an active part in the affairs of pharmacy, and at the time of his death was chairman of the Sheffield Pharmaceutical Committee.

PORTER.—At 3 Egginton Street, Leicester, on October 8, Mr. Walter Porter, Ph.C., aged forty-nine. Mr. Porter served his apprenticeship with Wilson & Kitchin, chemists, Whitehaven.

SPEECHLY.—On August 21, after a brief illness, Mr. Edward Speechly, Ph.C., Karachi, India, aged seventy-four.

WATSON.—At Chadwell Heath, on October 20, Mr. William Reid Watson, chemist and druggist (*see* p. 68) Mr. Watson qualified in 1905.

WEBSTER.—At 11 Cluny Square, Buckie, on October 20, Mr. John Webster, Ph.C., aged eighty-three.

Personalities.

MR. J. CLEGHORN has resumed his duties as East London representative for Arthur H. Cox & Co., Ltd., Brighton.

MR. ARTHUR LANDER, J.P., Ph.C., High Street, Canterbury, has been appointed a Justice under the provisions of the Lunacy and Mental Deficiency Acts.

MR. T. EDWARD LESCHER, representing Evans Sons Lescher & Webb, Ltd., was present at the funeral of Mr. J. C. Umney, at Yapton, on October 13.

CAPTAIN H. HINCKS has been appointed by the President of the Board of Trade to succeed Mr. J. W. Hands, O.B.E., as Controller of the Profiteering Act Department.

MR. D. T. EVANS, J.P., chemist and druggist, High Street, Margate, has been appointed a Justice for the borough under the provisions of the Lunacy and Mental Deficiency Acts.

THE Dowlais Chamber of Trade has taken steps to accord to Alderman R. P. Rees, J.P., chemist and druggist, Mayor of Merthyr Tydfil, a tangible expression of appreciation of his public services.

SIR HENRY MIERS, D.Sc., F.R.S., Vice-Chancellor of the University of Manchester, has been appointed a member of the Advisory Council to the Committee of the Privy Council for Scientific and Industrial Research.

MR. H. G. PHILLIPS, 27 Clifton Road, Weston-super-Mare, who represented Alfred Bishop, Ltd., for several years before joining the Forces in March 1916, has now returned, and is resuming his journeys over his old ground.

DR. S. H. VINES, F.R.S., has resigned his position as Sherardian Professor of Botany at the University of Oxford. Dr. Vines, who has held this position since 1888, is the author of the well-known "Students' Text-book of Botany."

MR. HAROLD COLEMAN, son of Mr. J. H. Coleman, secretary of the Wolverhampton Chemists' Association, has lately won the swimming championship of the borough. Mr. Coleman is the holder of a memorial cup (for twelve months) and of a gold medal.

LORD LEVERHULME, Chairman of Lever Bros., Ltd., has declined the invitation of the Bolton Town Council to be the next Mayor of the borough, "owing to circumstances over which I have no control, and which it is impossible for me to change, or even modify."

THE FOLLOWING PHARMACISTS are candidates for re-election to the council of their respective borough: Mr. John Birkett, Ph.C., Morecambe; Mr. H. M. Lloyd, chemist and druggist, Merthyr Tydfil; Mr. Jeffrey Poole, chemist and druggist, Great Hampton Street, Birmingham.

WE have received a communication from Mr. W. H. Saunders (Liverpool), who writes from Detroit very enthusiastically regarding the condition of industry in the United States. He adds, "every business man, if he can, should, in my opinion, take a run through the States—it is an absolute revelation."

MR. DAVID A. EVANS, pharmacist (trading as Steele & Marsh), 6 Milsom Street, Bath, who is vice-chairman of the Bath Chamber of Commerce, has inaugurated a fund to supplement the advertising of the city: upwards of 700l. has already been raised. Mr. Evans has been co-opted as a member of the advertising committee of the Bath City Council.

SIR JOHN ANDERSON, who was at the National Health Insurance Commission and subsequently became a Secretary to the Minister of Health, has been appointed Chairman of the Board of Inland Revenue. Mr. Horace P. Hamilton, who has been Deputy-Chairman of the Board of Inland Revenue, has been appointed Chairman of the Board of Customs and Excise in succession to Sir Laurence Guillemard, who is now Governor of the Straits Settlement.

"KNOWN, ADMITTED, AND APPROVED REMEDIES."—The time has expired for receiving formulas for registration in *The Chemist and Druggist Diary*, 1920. The next opportunity for registration will be when the *Diary* for 1921 is in preparation.

Trade Notes.

ZEX NAIL VARNISH.—The trade price of this product, quoted in the advertisement last week, of Raymet & Co., Ltd., 507-509 Harrow Road, London, W. 10, should have been given as 11s. per dozen.

MANICURE SETS and similar toilet accessories are suggested as suitable presents for Christmas and the New Year in the advertisement of Arthur Berton, Ltd., 15 & 17 Worship Street, London, E.C. 2.

THE CHAS. H. PHILLIPS CHEMICAL CO., 14 Henrietta Street, Covent Garden, London, W.C. 2, inform us that they will be happy, on receipt of a postcard, to supply any chemist with labels to affix to bottles, notifying the revised price for Milk of Magnesia.

FUMO TARACINE.—The Coal By-Products Co., 112 High Holborn, London, W.C. 1, announce that the packing of Fumo Taracine has now been improved, owing to the removal of the restrictions on the use of cardboard. The firm are supplying a new showcard, about which inquiries are invited.

REDDGRAVE, BUTLER & Co., Park Lodge, 29 Forest Lane, London, E. 15, ask us to state that they are now able to give immediate delivery of genuine Russian liquid paraffin, conforming to all the B.P. requirements, of high viscosity, and guaranteed to remain bright and clear during the coldest weather.

SANAGEN.—The Sanagen Co., Ltd., Sheepcote Lane, Battersea, London, S.W. 11, will be pleased to send new price labels to affix to any stocks of Sanagen on hand bearing the old prices. The new prices (announced last week) are: 2 oz., 2s.; 4 oz., 3s.; 8 oz., 5s.; 16 oz., 9s. 6d. New window-cards and booklets are also available as selling aids for the chemist.

UTILISING AEROPLANES.—A representative in Paris of Wm. Browning & Co., Ltd., manufacturing chemists, Albert Works, Park Street, London, N.W. 1, requiring a sample of a particular quality of liquid paraffin, cabled to the company in London, and the sample was sent over the same day by aeroplane service. This is believed to be the first occasion when samples of paraffin have been sent in this way by a commercial house.

REDUCED PRICES.—Since the advertisement of Mr. C. W. Harper, 254 Stockport Road, Manchester, was put to press some changes have been made in the prices of saccharin tablets, etc. The prices for 0.3 gr., 550. saccharin tablets are now as follows: In card boxes of 100's at 8s., 200's at 16s., 500's at 40s., and 45s. per lb. Other reductions have been made in formalin tablets, pine tablets, and sulphur tablets with cream of tartar.

Information Department.

INFORMATION WANTED.

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|--|--|
| 67/19. "Cello" Sanitary hot-water bottle (Campbell & Co., Boston). | 60/73. Fletcher's Embrocation. |
| 66/64. "Dim" (or new aspirin). | 60/73. "Marveena" shaving soap. |
| 58/25. Manfred's Headache Powders. | 60/73. "Macura" shaving soap. |
| 57/69. Sanitary Wood Wool Co.'s specialties. | 60/64. "Arco" patent nail file. |
| 63/48. "Salom" cold and influenza cure. | 66/25. Machinery for making lead capsules. |
| 61/28. "Welbeck" bandages. | 67/53. Earthenware emulsifiers, actual makers. |
| 60/73. "Iodaseptine" ampoules (Cartial). | 68/46. Alurone (albumen preparation). |
| 66/67. "Chinese Bismuth." | 39/4. White Pine Cough Syrup (Wainwright, Ltd.). |

INFORMATION SUPPLIED.

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|-----------------------------------|--|
| Alumina sulphate, 60/8 | Clarke's Blood Mixture, 60/9 |
| Bickmore's Gall Cure, 58/25 | Combs (French and Japanese manufacture), 62/71 |
| Bottle Brushes, 65/49 | Corks, 62/10 |
| Brilliantines (solidified), 61/44 | Dental Plaster, 32/27 |
| Campbor Ice, 65/5 | De Witt's Kidney Pills, 58/25 |
| Cassell's tablets, 58/25 | Doan's Backache Pills, 58/25 |
| Chamberlain's Cough Remedy, 58/25 | "Eyebrowlin", 63/50 |

Observations and Reflections.

By Xrayser II.

Profit,

according to Ruskin, whose economic doctrine has since his death advanced in public favour—as noticeably as his æsthetic doctrine has declined—can, from the point of view of the community, accrue from labour only, and not at all from exchange. In the latter there is advantage, but, in the true sense, no profit, because it does not increase production; only labour does that. If this doctrine is sound it affords a solid foundation for our claim, not only to a rate of "profit" above that of the mere tradesman, but to one greater than that of pre-war times; for our labour is not only greater in proportion to our business than that of the mere retailer, but it is skilled labour, and, as such, has, according to Ruskin himself, a higher monetary value than unskilled. And here comes the proof of my contention (which some of my friends question), that the average pre-war rate of "profit" is not a fair criterion of the rate we ought to be allowed now. Labour—even unskilled labour—is being allowed a much higher rate than the pre-war rate; the price of labour is the main factor in the cost of living; if labour generally is paid at a higher rate than before the war the labourer who does not share equitably in this advance is worse off than he then was: his outgoings have increased out of proportion to his income.

Profiteering in Bottles

is a charge it should not be difficult to meet, especially if we are to be allowed a pre-war rate of profit. Except in connection with Insurance dispensing, the chemist does not often charge directly for bottles, and when he does it is presumably for clean ones, whereas the bottles returned to him are rarely, or never, clean, and are, therefore, of much less value to him. In the old days he either refused to take back dirty bottles at all or allowed next to nothing for them, on the perfectly true plea that they cost more to clean than they were worth. It is hardly so now, but the nuisance of having to clean them remains, and greatly reduces their value. Has it ever been asked how we stand with regard to bottles in Insurance work? Can we refuse to return the money charged on them when they are obviously not clean? If not, here is another point worthy of consideration in arranging terms for another year.

Colonial and Foreign News

has always been a leading feature of the *C. & D.*, and it is one of the most valuable features, for we stay-at-home Britishers may learn much from the doings of our brethren beyond the seas. I was particularly struck by some things in your report of the sixty-seventh annual meeting of the American Pharmaceutical Association. The ideals of American pharmacists appear to differ from ours in some important respects, and the difference is not always flattering to us. Their view of the educational requirements of the pharmacist, for instance; if the proposal that four years' teaching in a high school must precede entrance to a college of pharmacy is a fair example, is higher than ours. It is a condition much more likely to ensure the supply of a good class of men than anything we have even contemplated. The formation of a committee on pharmaceutical publicity is another forward step we ought to imitate; the British public know little of what goes to make a pharmacist, or how he differs from the unqualified man who apes him; they have the vaguest possible notion of his true function and proper work, and are apt to expect too much of him on some sides and to depreciate him on others. The individual pharmacist cannot always be explaining himself to his public without loss of dignity, but these points ought to be explained and made obvious to everybody concerned. The American pharmacist contrasts very favourably with us in yet another particular: With the exception of practical pharmacy itself the section of the Association in which the largest number of papers was entered was that of historical pharmacy.

It is a Great Pity,

says Mr. Humphrey in this month's "Script," that a suspicion should exist of a design to delay the calling together of the new Local Associations Executive until the Pharmaceutical Society's arrangement with the Ministry of Health for next year's dispensing terms are too far advanced to be effectively interfered with. I cannot agree with him, unless what he means is merely that it is a pity there should be grounds for such a suspicion. That he thinks there is may almost be inferred from the fact that he mentions such a matter at all, and the whole tone of his article gives colour to this view. Now Mr. Humphrey, though he is presumably not in the confidence of the Council, is one of its officials, and a man of unique experience of its ways. He would not write as he does without some warrant, and he is very likely to be right in thinking he has warrant enough. This being so, it is highly desirable that we should be suspicious, and not lapt in a false security. Why (as Mr. Humphrey asks) has not the Local Associations Executive been called together before now? Why are we being kept absolutely in the dark with regard to next year's terms up to the very eve of the day when we must accept or reject them? It is impossible not to suspect it is because the decision is again to be virtually taken out of our hands, leaving us only Hobson's choice—that, or nothing. The Ministry of Health has already declared that the time for negotiation is too short, yet we have not been consulted in the matter. The inference is that we are not going to be; that unless we wake up and make ourselves heard at once all chance of doing so with effect will be lost. Mr. Humphrey is for demanding a sixpenny fee on every prescription as a minimum; this is what I suggested weeks since. Let every panel chemist at once assure the Council that nothing less than this will be accepted, and we shall get it or its equivalent. Otherwise—(?)

The History of the Irish Clauses

in the Poisons and Pharmacy Act of 1908 is a useful object-lesson to those who put their trust in Parliament and Privy Council, and I do not wonder at the bitterness with which Mr. Wells spoke of the Act at the recent meeting of the Pharmaceutical Society of Ireland. We have it on Mr. Wells's own authority that originally the Privy Council did not want to extend any part of the Act to Ireland. It was an individual trader who, in his own interest, got hold of an Irish farmer through whom he influenced Mr. Field, M.P., who in turn moved the Agricultural Department, of which Mr. (now Sir) T. W. Russell was Vice-President, and the clauses were passed and made applicable to Ireland in the face of all the opposition that could be brought to bear against them. It must be confessed that our Irish friends weakened their case by an endeavour to get an advantage to themselves from other proposed clauses of the Bill, but that is another story.

The Province of Azerbaijan,

in the extreme north of Persia, where a rising against the Government alleged to be due to anti-British feeling is threatening to give serious trouble, was formerly our chief gateway into Persia. There were several routes. The shortest but most dangerous was across the Black Sea and by Tiflis and Erivan to Tauris (Tabriz); another ran through northern Mesopotamia; a third by way of Smyrna through Asia Minor. These, however, were not very safe when there was trouble with the Turk, and our sixteenth-century merchants found their way to the Persian markets, through the whole length of Russia, from the White Sea to the Caspian. Their usual port on the latter was a place they call indifferently Shabran and Shavaram, some six days' sail below Derbend, which gave them easy access to Shemakha, Tabriz, and other towns as far south as Kasbin, where Jenkinson was admitted to audience with the Shah. They seem, on the whole, to have been well received by both the official class and the native merchants, but occasionally they met with trouble, and Alcock, one of the leaders of the second "voyage," was murdered by a man whom he had sued for debt.

"SANITAS" DISINFECTANTS

FLUIDS, POWDERS, SOAPS & FUMIGATORS

Should be stocked by all Chemists.

THE "SANITAS" CO., Ltd., Limehouse, LONDON, E. 14.

S.V.R. — S.V.M.

AND

CHEMISTS' WINES.

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Editorial Articles.

The Proposal to Tax War Profits.

It is not easy to say what, if any, significance is to be attached to the announcement which has been publicly made that the Royal Commission at present sitting to inquire into and report upon income-tax questions has

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had a supplementary instruction to consider the subject of the taxation of war profits. We may either be left to understand that the Chancellor of the Exchequer, contrary to the view held by his expert official advisers, has convinced himself that the project of such a tax is feasible, and wishes to get the assistance of the Commission in devising the scheme for assessing it, or it may be that, recognising that the whole question is one of the practicability of the idea of such a tax, he keeps an open mind on the subject and will propose a tax on war profits only if he can be shown that the impost can be levied fairly and effectively. Whatever the explanation, there can be no doubt that the Chancellor's attitude to the idea has been modified under the influence of public opinion, and we must not be surprised if the next Budget embodies an attempt to give effect to the change. For ourselves, while we recognise the justice of the principle that those who have taken advantage of the country's difficulties in the war to amass abnormal profits should be compelled to disgorge into the public Exchequer, we cannot see how this is to be done by any scheme which could be devised to act fairly and speedily, without great risk of a dislocation of business machinery, which is, above all things, to be avoided at the present moment. Roughly speaking, the tax would be an addition to the excess profits tax which was imposed at the rate of 50 per cent. of such profits by the Finance Act, 1915, increased to 60 per cent. by the Finance Act, 1916, and further increased to 80 per cent. by the Finance Act, 1917. This tax, it will be remembered, was, in deference to the persistent outcry raised that it was stifling industrial enterprise, reduced to 40 per cent. by the Finance Act of this year, so that the adoption of the new tax by the Chancellor would at all events represent a change of fiscal policy since the introduction of this year's Budget. It might, of course, mean more. At present excess profits duty is not levied on profits made from (a) husbandry in the United Kingdom, or (b) offices of employments, or (c) professions the profits of which are dependent mainly on the personal qualifications of the person by whom the profession is carried on. The new tax might be assessed without allowing any or all of these exemptions, and having regard to the great increase in the value of agricultural land for causes connected with the war, a levy on excess profits made in husbandry would be likely to find support both in and outside Parliament. But, as we have said, the main question is whether the tax is practicable at this juncture. A substantial portion of war profits must be represented by increased values of stocks in the businesses in which the profits were made; and how any share of such values could be taken by the State without inflicting a serious blow on the business which it is the supreme interest of the State to foster, it is not easy to see. Then, too, the problem of distinguishing between wealth made in war-time by the exercise of ability and energy which would have commanded equal success in times of peace, and fortunes which are the result of war profiteering, would probably be more than any machinery available could be expected to solve. On the whole, we doubt whether, while the present Government continues in power, we shall get beyond the unheroic fiscal remedy of an increase in the existing taxes, especially the income-tax and death-duties. The advent of a Labour Government to power would, we suppose, herald the imposition of a levy on capital, but much must happen before that. But whatever party be in power, we confess to a preference for the practice, which seems rapidly passing away, under which a Chancellor of the Exchequer conceived a scheme of national finance for acceptance by Parliament and the country, and did not wait to have one forced upon him by inexpert public opinion.

Profiteering Problems.

SINCE our last issue the Board of Trade has issued a new schedule of articles the price of which can be dealt with by Committees established under the Profiteering Act. This list of controlled articles, which is given in full in another part of this issue, includes drugs, medical preparations, medical and surgical appliances and dressings, so that the prices of most of the articles sold by chemists are now subject to the provisions of the Profiteering Act. Already under the first schedule foods and soaps were included, but even with the limited number of controlled articles on that list many cases in which chemists were

involved have, as shown by our reports, come before the Profiteering Committees. The number of cases will probably be considerably increased now, and the position of the chemist who in the ordinary course of business deals in thousands of different articles, is likely to be one of extreme difficulty. We can best illustrate what we mean by mentioning a charge of profiteering which has already been made against a chemist in a London suburb, and which is being heard as we go to press. The chemist sold a $\frac{1}{4}$ -oz. tablet of camphor for 6d., and the customer complained to the local Profiteering Committee. The purchaser probably in pre-war days paid 1d. for what he is now required to pay 6d., and if we look at those facts only there is an apparent justification for complaint. We have, however, to bear in mind that owing to the war the wholesale druggists' price of camphor is now 20s. 4d. per lb., and we think it will be found that the charge of 6d. for $\frac{1}{4}$ oz. is at a rate of profit not greater than was obtained before the war. When it is recollected that there are hundreds of articles sold by chemists which have advanced in price within the last five years, it will be seen that a harassing time is in store for chemists. We are hopeful, however, that local Chemists' Associations may be able in the initial stages to satisfy local Profiteering Committees as to the injustice of most of the complaints of a similar nature to the one which we have outlined. Many of the local Associations have sent out circulars to their members offering assistance (see p. 65). The Liverpool Chemists' Association, for example, promptly sent out postcards as follows:

The announcement that drugs and medicines and other articles sold by chemists are to be included in the list of goods to which the Profiteering Act applies, renders it necessary that steps should be taken to protect chemists from frivolous complaints, and also from any action of the Tribunals caused by their ignorance of the conditions appertaining to the retailing of drugs, etc. If, therefore, any complaint should be made against you please send me full particulars.

The Chemists' Defence Association is defending its shareholders against whom charges are made, and there is likely to be a great call for the services of the Association's solicitor. Already several interesting questions have been raised as to the scope of the new Order. Are spectacles and eyeglasses "surgical appliances" within the meaning of the Order? What, again, is meant by "medical preparations, including tooth powders, talcum powders, fullers' earth"? The last-named article is hardly what chemists call a "medical preparation," so that there is no telling what is the extent of the definition. An announcement in the "Board of Trade Journal" states that the Standing Committee on the Investigation of Prices is taking steps to obtain information as to the cost of production, prices, and profits in the case of typical grades of articles in several categories, one of which is drugs. So far as we can gather, retail chemists are poorly represented on this Committee.

Drug Cultivation in India.

THE Indian Industrial Commission has been advised by a scientific authority, who has perhaps bestowed greater attention on the subject than most people, that with the necessary staff and equipment it would be feasible to undertake the systematic cultivation of many indigenous drugs in India, and thus develop a most important trade, that would make India independent of many medicines which she now regularly imports, though they grow to profusion in many of the forests. So far, however, very little has been done in this respect, and until men with a scientific knowledge of what is wanted are available to take charge of the industry, there is not much prospect of success, although in several areas a beginning has been made. The cultivation of cinchona in India is one of the few and best known examples of successful drug culture. The late war has shown that the supply was not equal to the demand, and the price during the last few years has been steadily increasing. But though it

was only introduced some forty years ago the plantations under Government auspices have been a great success. An Indian contemporary points out that:

Belladonna, too, grows well in the Western Himalayas, from Simla to Kashmir, the plant containing about 0.4 per cent. of alkaloid, but up to the present we have had to rely mainly on imported supplies. Digitalis is acclimatised on the Nilgiris, where it grows with little attention, while experiments are being conducted in the Royal Botanic Garden at Calcutta with a view to developing the supply. Ipecacuanha has been grown with some success in various hill stations of India, and it has been proved that it only requires care and attention to raise in sufficient quantity to make it commercially remunerative. . . . It is some forty years since ipecacuanha was introduced into India, but since that time, under the care of the manager of the cinchona plantation in the Darjeeling district, it has steadily developed, and it is estimated that there are now over 200,000 plants in that one plantation alone. It is expected that it will soon be possible to manufacture emetine on a commercial scale. There appears no adequate reason why this most valuable and at present very expensive drug should not be cultivated in many other parts of India. Henbano is a native of the temperate Himalayas, and the Botanic Gardens at Saharanpur provide considerable quantities for the market. Other drug-yielding plants have been successfully cultivated in recent years either in the cinchona plantations or the Royal Botanic Gardens, under the supervision of Government experts. There are other drugs from which oils used in the treatment of hookworm, leprosy, etc., can be grown with comparative ease if only the work is begun and carried on in the right way.

In any European country, if such possibilities as exist in India for the profitable extension of drug cultivation were shown, the industry would be taken up with avidity. But in India the population is apathetic and look too much to the Government before they will exert themselves on their own account. The Government of India may no doubt be relied upon to give all possible assistance to research work, but it is at the same time necessary that private individuals or companies should show their readiness to co-operate. It has been said that the variation in the quality of wild-grown drugs militates against finding a profitable market for them. Some thirty years ago *Podophyllum emodi* was discovered, identical with the American drugs used for medicinal purposes, and it still remains unrecognised by the British Pharmacopœia, the reason being stated that medical men are uncertain of its physiological activity. There are thus many valuable drugs sold in India which, though used by local practitioners, are not used in Western systems of medicine, as they are uncertain of their strength. These drugs are bought by local dealers without submission to any practical test, without even their age being known or whether they have preserved their medicinal properties. The cultivation and preparation of such Indian-grown drugs will have to be carried on systematically and according to acknowledged medical standards before they can be brought into general use. The trade in them even now is not a small one, but it would no doubt increase enormously if Indian capital and Indian scientific knowledge were available to prove the worth of what Western medical men now too often, through lack of knowledge and experience, systematically neglect.

Payment of Councillors.

PAYMENT of members of the London County Council was advocated by a deputation which waited on the Ministry of Health this week. The Minister of Health does not appear to have held out much hope to the deputation that their wishes will be gratified. If, however, it should happen that the members of public bodies are paid in future, it follows that the councillors of the Pharmaceutical Society may cease to perform voluntary duties. Advocates of payment contend that more representative councils are obtained if the choice of candidates is not limited to the wealthier part of the community. That the Pharmaceutical Council is sadly lacking in representative character is obvious from the extraordinary antics it has indulged in recently. On that account the movement is hopeful so far as pharmacy is concerned.

Students' Training Scheme.

So great has been the demand upon the Government scheme for training grants to demobilised students engaged in pharmacy that all the schools of pharmacy of Great Britain are now full. Grants may still be made to any man already in training at a recognised school whose application has not yet been dealt with. It is announced, however, that future applications for training will only be accepted subject to the following conditions:

(a) If the application is for a nine months' course, on the understanding that the grant, if made, will be for training at an approved school, to commence in October 1920.

(b) If the application is for a six months' course, on the understanding that the grant will be for the training to commence at an approved school so soon as a suitable vacancy can be found.

Students to whom grants have already been sanctioned should write to the Pharmaceutical Society, 17 Bloomsbury Square, London, W.C.1, if they have not been allotted to a school of pharmacy.

Sick "Held to Ransom."

If the Government cannot do better than investigate quinine "rings" in its excursions into the activities of trusts and monopolies, it had better cease its labours in this connection and get rid of the expensive staff which is engaged upon these so-called investigations. We read in our daily contemporaries a statement on the subject which is said to have been made by Mr. McCurdy, Parliamentary Secretary to the Ministry of Food. The following is the passage referred to:

They have already made investigations into the question of fish prices and the quinine monopoly, by which the Dutch Combine is holding the sick people of this country to ransom by charging them double the price for this essential drug.

A statement of the above kind is, of course, all very dramatic and picturesque. Unfortunately, however, as is usual with utterances made for the sake of eloquence rather than veracity, there is not an atom of truth in it; it is neither business, nor does it matter one iota to the public, sick or otherwise, whether or not quinine is purchased by the retail trade at a few pennies more per ounce than it used to be. It is high time that the Government ceased from indulging in a pettifogging departmental nagging policy which merely disturbs trade and does no one the slightest bit of good. Let us be entirely frank—our sympathies are with the Dutch Combine, who have proved in the past to be sound, level-headed business men who know their work and will not be taught their business by minor officials or political heads of Government departments. A moment's thought would convince anyone making a statement such as that attributed to Mr. McCurdy that it can hardly be in the interests of the Dutch manufacturers themselves "to hold a country's sick to ransom." Besides which we would like to know how long England has been a malarious country, England with its consumption of less than 1 per cent. of the world's requirements in quinine. Will the Government stop fooling and will they look facts in the face or alternatively leave matters of this kind to the trade, which is surely representative of a sufficiency of honest, high-standing men to see there is enough quinine in this country at the lowest possible market price consistent with business acumen? We commend the matter to the attention of the higher authorities concerned—not to pursue fruitless inquiries, but to conclude them and officially abrogate the Government Control Order.

The Quicksilver Market.

As indicated in our previous issue, there was a recovery last week of 1*l.* per bottle, which was followed by another on Friday last of 5*s.* per bottle to 16*l.* 15*s.*, this being the leading importers' price, while dealers ask up to 17*l.* 5*s.* The aspect of the market has since continued firm. There is ground for believing that the orders held back under the influence of the recent acute weakness have begun to be released, so that a spell of activity, with a further rallying tendency, is not unlikely. It must be remem-

bered that practically all other metals are selling at considerably above normal pre-war levels, so that the current value of quicksilver is not unreasonable, while the cost of production has increased materially. The comparatively high prices which were recorded towards last spring altogether failed to stimulate the American output, which, according to official figures for the second quarter, amounted to only 3,940 flasks. This showed a deficit of 2,020 flasks against the previous quarter. At the rate of production for the second quarter the output is proceeding at the rate of only about one-third of the highest annual production attained during the war period, under pressure of the United States Government's policy, in order to safeguard essential requirements. The fact is worth noting that, whereas during the first quarter twenty-three mines were operating, the number of these in the ensuing quarter fell to sixteen only. Particulars of the last quarterly output were: California, 2,632 flasks; Texas, 1,244; Nevada, 34; and Oregon, 30 flasks. The quantities held at the mines or in transit on June 30 amounted to 1,635 flasks, against 4,419 flasks in the previous three months. It is therefore not surprising that America has since resorted to importations on a fair scale. According to a Spanish trade paper dated August 16, an announcement was made by the Direction of the Almaden mines that, in consequence of the fluctuations in the London market during July and the alteration in the rate of exchange of the pound sterling, the price of quicksilver for domestic industrial use had been advanced to 451 pesetas per bottle of 34.507 kilos, delivered at the mines, and 453 pesetas free on rail at Almadenejas, which quotations represent about 17*l.* a bottle. Under the working agreement in force between the Spanish Government and the Rothschild interests, which handle the output of the State-owned mines, it is understood that a certain quantity, running into one or two thousand bottles, is set aside for domestic use, for which the price is regulated according to the London market, and it is probable that the price in Spain has since undergone further alterations.

WHAT EVERY WOMAN DOESN'T KNOW.—Two old ladies in a train were overheard discussing prices and profiteering. "They be vill-yuns," said one "stealing our money out of our pockets and all, but there's no 'elp for all. I don't 'old with this fuving of 'em." "Don't say so, my dear," said the other in surprised accents; "they gott'er be made examples of." "It all raises prices," replied the first speaker, solemnly shaking her head. "Becos—fine 'em a hundred pounds and they'll put up prices on us to make it up. We pays them fines."—*The Morning Post.*

THE SPANISH CHEMICAL INDUSTRY.—The dependence of Spain upon foreign supplies was abundantly evidenced during the war, and the shortage experienced in many articles showed up, in a striking manner, the undeveloped state particularly of the chemical industry in that country. Leaders of public opinion have repeatedly pointed out that many of the requisite raw materials are obtainable in Spain, and that these are exported only to reappear in Spain as finished articles. The absence of an industry may be considered as largely attributable to the dearth of sufficiently trained men, and on this assumption a school of chemical industry was founded a few years ago in Barcelona, thanks to the assistance of several manufacturers and industrial associations of Catalonia, and placed in charge of a pharmacist, Dr. J. Agell. The course of instruction is an eminently practical one, and during the past year the problems included the elaboration of plans for the establishment of a factory capable of producing 80 kilos. daily of beta-naphthol, of another with a daily output of 300 kilos. of pure acetone; the erection of works for wood distillation, electrolytic production of aluminium, manufacture of oxalic acid, superphosphates and sulphuric acid, sodium hyposulphite, barium chloride, and sodium sulphate from barytes. In the laboratories the manufacture of a large number of fine chemicals for pharmaceutical use was also successfully undertaken, these including hexamine, aristol, atoxyl, benzoic acid, terpineol, etc.

What Federation should Mean to Pharmacists.

A Paper read by Mr. James Jack, Ph.C., before the Glasgow and West of Scotland Chemists' Association on October 22.

Why I am here as an exponent of federation is due entirely to members of your Association having produced a scheme which, in my opinion, was unworkable as infringing on the duties of the Pharmaceutical Society. The North British Executive discussed this scheme, and with consent of the authors "scrapped the lot." It was then decided to try and work out a new scheme on trade-union lines. The Executive, on being requested to do so, agreed that I should be allowed to give my services, and the inception of federation with all its responsibilities was entered on with full consent of the official body that represents pharmacy in Scotland.

Much that I would like to tell you of what we are doing, and have done, I must not discuss; certain delicate negotiations are being conducted between the Executive Council of the Scottish Pharmaceutical Federation and the Council of the Pharmaceutical Society. Suffice it to say that I, and those associated with me, hold strongly to it, that a pharmacists' federation on trade-union lines is most desirable in the interests of pharmacists in business and their assistants, including apprentices. The boy to-day is the master of to-morrow. In regard to both assistants and apprentices, I am giving nothing away when I tell you that the Scottish Pharmaceutical Federation welcomes their combination as a powerful aid to the development of pharmacy for pharmacists.

There may be some among you who think that we are still endeavouring to start a federal union; let me state for their edification that the union of Scottish pharmacists is already an organised body, and on two occasions lately has spoken with no uncertain voice—do they want any more? My advice is to come in with us and do the best possible in developing our aims and objects.

WHAT IS FEDERATION?

And what does it mean? If I do not bore you, I shall touch upon the history of incorporations and guilds during the past five hundred years, and show how much we owe to them, then address myself to the subject of matter of federation for pharmacists. The word federation, from the Latin verb *foederare*, to federate, means to enter into league for a common object. Federation, therefore, may be taken as the action of uniting in a covenant for the formation of a unity out of a number of separate colonies, so that each retains the management of its internal affairs, but organised into one federal unity for common weal, advantage, and protection. Federation as applied to pharmacy is a proposed adjustment of the relations among the various pharmacists by which measures can be taken for their safety and well-being. The Scottish Pharmaceutical Federation is a league of this kind, formed for joint action, mutual support, and the prosecution of a common purpose. It is somewhat similar in its idealisms to the craft or trade guild, which came into prominence in the fourteenth century. These were associations of persons exercising the same craft, formed for the protecting and promoting their common interests, and having exclusive rights of trading within a town.

HISTORY OF TRADE GUILDS.

In the Royal Burghs of Scotland, the merchant guild became the governing body of the town and had very wide powers. Trade guilds are very ancient. In London they are still represented by the Livery Companies, but retain little of their original functions. In Scotland, in 1424, Parliament passed an Act which enjoined that in every burgh each separate craft should, with the advice of the town's officers, elect one of their number to be deacon of their craft. The duties of the deacons thus elected were to inspect the materials and workmanship of the craftsman, "so that the people may not be scolded

by untrue craftsmen, as they have been in bye-gone times." Whether the deacons had exceeded the duties assigned to them or not, Parliament in 1426 declared that deacons of crafts should have no corrective power over the other members of the crafts, except to inspect their work once in every fifteen days. The sworn bailies and Council were ordered to fix the price of materials of each craft, and consider the cost of the labour of the workmen, and proclaim it to the people. In 1427, after a year's trial, this Act was repealed, and the opposition to it was so strong that it was again repealed in the reigns of James II., James III., and James IV.

In 1459 the goldsmiths were recognised and treated as an established fraternity in an Act of Parliament, but the body of craftsmen were still regarded with suspicion by the Estates of the Realm. Parliament announced in 1493 that it was clearly understood by the King and the Estates that the deacons of the craftsmen were extremely dangerous, and might cause great trouble by assembling and "rising of" the King's subjects, and by their statute making against the common weal for their own profit, which deserved severe punishment, as these craftsmen assembled and framed rules that they should have wages for holidays, or, if not, they would not work; and, when any of them began a job, and left it unfinished, then no one of his craft dare venture to finish it. Still, in spite of this and other attempts to crush the fraternities of craftsmen, the custom of incorporating them gradually came to be introduced throughout the kingdom. The manner of effecting this was pretty uniform, and consisted in granting letters under the seal of the burgh court, and called a "Sealed Cause." There was some variation in the tenour of these, as some of them expressly prohibited all persons from working at the special trade but the freemen of the craft. They all, however, gave the craft the privilege of admitting men members, inspecting materials, making by-laws, electing office-bearers, and having a fund box or common good. Of course, in all of these there was implied a strict monopoly within the limits of the burgh. Craftsmen of various trades have existed in Scotland, as in other countries, from time immemorial. In country districts and in villages each craftsman had his own work form, and each was dependent upon his own exertions for the uphold and protection of his trade. As townships grew in size, tradesmen of the same calling multiplied, and, having interests in common, it was natural for them to associate together to converse upon and promote their common affairs, and for their mutual understanding and profit. Out of such meetings the formation of private fraternities or societies composed of members of the same handicraft was an easy step. Such private societies existed long before the members sought public recognition by the authorities, and before the magistrates of Royal Burghs had the power conferred upon them to bestow exclusive privileges upon craftsmen. These fraternities naturally chose an officer under some distinctive title, usually that of "Deacon," to preside at meetings of the body, and a committee of management for the regulation of its affairs. Even in those early days it was found that no society will long continue vigorous without an efficient executive.

As illustrative of this matter, and also of the common arts of life, any burgh may be taken as an illustrative example of the whole kingdom in the latter half of the fifteenth and early part of the sixteenth centuries. In Edinburgh we find the Provost and Council granted Seals of Cause to various crafts. They had to elect their own deacon once a year. He had to rule the craft, and all the men had to obey him in all honest and lawful things touching the craft. No man could take apprentices without reservation for servitude and a premium for indenture which was paid to the altar of St. John in the Church of St. Giles. Every man and woman who should work at the craft should give the priest his meat and every week a penny to the altar, hence the origin of our kirk bawbee on Sunday. All who disobeyed their deacon and refused to abide by the statutes of the craft had to pay for each offence the penalty of one pound of wax. No woman was allowed to act as a master or hold a workshop unless she were a freeman's wife. One characteristic of the crafts-

men which comes out strikingly was the historic association with the prevailing religion of the period. No doubt their religious fervour was stimulated by their belonging to crafts which in return for the boon conferred upon them were generally bound to do something for God's service.

Up to the period of the Reformation the several crafts had each a patron saint and an altar dedicated to their patron saint, generally in the parish church of the burgh. They each supported a priest at their altar, or the priest abode alternately in the houses of the craftsmen. After the establishment of the Protestant religion priests and altars were abolished, and both merchants and craftsmen were thus relieved from their obligations. The craftsmen of one calling throughout the country all had the same patron saint. The patron saint of the surgeons and barbers, for example, was St. Mungo—Kentigern was his real name—and who, after Columba, was one of the earliest Christian pioneers in Scotland. In mentioning surgeons and barbers it is interesting to note that at the request of the craftsmen the Provost, Bailies and Council of Edinburgh granted a Seal of Cause on July 1, 1505, to the "Sueregianis and Barbouris." The kirkmaster and brethren of the craft presented their application to the Provost, etc., that they might grant them the privilege contained in their petition—viz., "that they might choose yearly a kirkmaster whom the brethren should obey; that only burgesses after being tried and found worthy by the master should exercise the craft, specially that he knew anatomy, every member of the body, the veins, etc., that he pay at his entry five pounds for upholding the altar of St. Mungo their patron saint in St. Giles, with a dinner to the masters of the craft at his admission, that no apprentice be taken by any master unless he can both read and write, and the master to pay twenty shillings to the altar for each apprentice at his entry, that each master pay the weekly penny, with the priest's meat as he shall happen to come about." This, as far as I know, is the earliest recognition in Scotland of surgeons and barbers, the latter in a way the precursors of pharmacy.

This historical review of the early craftsman, you may say, has nothing to do with federation as applied to present-day pharmacists. As the heirs of ages, it is necessary to examine the position of these earlier guilds or federations, and how soon one finds out that the problems of five hundred years ago are still the problems before us in the twentieth century. In my own town, typical of many, the early history of the incorporated trades, seven in number—viz., hammermen or blacksmiths, gloves or skimmers, shoemakers, weavers, tailors, wrights and bakers is very intimately associated with the rise and progress of the town. It was mainly due to their efforts that the burgh continued to prosper, and the port and town eventually rose to commercial and manufacturing importance.

In the light of modern ideas on the subject of trade, it is remarkable that the exclusive privileges of the various handicrafts should have continued for centuries. There is evidence, however, that even in early times they did not pass unchallenged, and there is no doubt that local trade was hampered by this monopoly. It was common to fix the prices of articles of daily use, such as bread, shoes and clothing. There was in existence a constant tendency to rebel against the erroneous and artificial system of trade which the crafts were incorporated to maintain. The records of the trades in Arbroath shows very distinctly the extraordinary character of the opinions which ruled for ages in this country in the common matter of buying and selling. The general government of the crafts was vested in the deacon convener of the trades and his court, which consisted of the other deacons. One of the Acts was against forestalling:

that no tradesman within the burgh should forestall his neighbour in any commodity, buying and selling it to the hurt of his neighbour craftsmen.

Offenders were summarily dealt with, as we find that in 1680 David Watson, late deacon of the weavers, was found guilty of "a great fault and prejudice" in buying and selling shoes to the loss of the shoemakers' trade.

He was found guilty and fined 10*l.* Scots. The ex-deacon was not singular in offending after this fashion, as we find later in the Conveners' Court:

Considering the wrong and prejudice ilk tradesman within the burgh doeth ilk one to another, in meddling with another work and trade, inhibited all craftsmen within the burgh from so doing.

Here evidently we have the first attempt at supply stores. Conditions of apprenticeship were then, as now, a source of worry. When a boy was apprenticed he went to reside in the house of his master, who had to provide proper accommodation for him. If the boy ran away he lost all the advantages of his trade. On the other hand, if the master

disables the prentice and maketh him incapable of his calling to the great prejudice of the common-wealth and craftsmen in particular,

he in return had to pay the penalty by paying the apprentice fee into the box of the craft. It may interest you to know that I am a member of the glover trade; and, although the working craftsman has been extinct with us for 120 years, the incorporated trade still exists. Its membership has long been recruited from the professional and non-mechanical classes in the burgh. The original fee on admission to the freedom of the trade was twenty marks; this is now modified to a guinea. I need not go into the ancient privileges, but the early craftsmen were of such importance that several Acts of Parliament were passed in favour of the glover trade in the Scottish burghs.

Thus it was that from the early part of the fifteenth century till near the end of the eighteenth, guilds or federations held virtual monopolies, and, due to their activities, wages, hours of labour, and rules for the conducting of business, gradually assumed method and regularity. In order of time incorporations of craftsmen take precedence of guilds of merchants. It appears to have been so in all burghs. In my own burgh the guildry is younger than the youngest of trade incorporations. Its inception dates from 1725, and its privileges were very extensive. It had power to prevent unfreemen from opening shops within the burgh to sell any kind of merchandise, except on market days—which were days of free trade. It had jurisdiction in weights and measures, settled the marches of properties, etc. Butchers, bakers and meat dealers were frequently fined for light weight. Forestalling the market was still a heinous offence, and the then rules and regulations of the Guild Court are much the same as in our own Profiteering Act.

From 1725 to 1833 guildries continued in power, but by the passing of Burgh Reform Act the privileges were curtailed, and the Town Councils took over most, if not all, of the trade privileges in 1846. After this there was no inducement to persons to become members, and in 1856 the Court of Session, on being applied to, sanctioned two by-laws for the Arbroath Guildry, which have had the effect of converting it into an endowed friendly or benevolent society, the free income of which is, in sums not exceeding 8*l.*, divided annually among decayed and indigent brethren, poor widows and children, and the descendants of poor brethren. Such, then, is a short history of guilds or federations, and from a general review we find out how much merchants and traders of the present day appreciate the efforts of their forebears.

THE FOUNDATION OF THE PHARMACEUTICAL SOCIETY.

Was not the inception of the Pharmaceutical Society due to a felt want of organisation on the part of certain traders in drugs and chemicals? The Pharmaceutical Society was established in 1841, before the passing of the Burgh Reform Act of 1856, and we must believe that much of the original scheme was a continuation of the class privilege held by earlier craftsmen and guildries. In the historical introduction to the calendar of the Society it is stated that the Pharmaceutical Society was established for the purpose of advancing chemistry and pharmacy and promoting an uniform system of education of those who should practise the same, and also for the protection of those who carry on the business of chemists and druggists, and to provide a fund for the relief of the distressed members and associates of the Society, and of their widows and orphans.

The original members or founders of the Society were chemists and druggists in the Metropolis and provincial towns of Great Britain, who saw the importance of education and registration as a permanent basis of union, and volunteered their co-operation. The Society is still a voluntary association and suffers from this principle; many take all its benefits and refuse support although enjoying its privileges. A Royal Charter of Incorporation was granted to the Pharmaceutical Society in 1843, and a permanent status was thus acquired.

The petition to Queen Victoria was worded in similar terms as in the objects of the formation of the Society, and in granting the petition for incorporation her late Majesty, through the Privy Council, states:

being desirous of encouraging and promoting so laudable and benevolent a design have willed granted and declared . . . to form one body politic and corporate for the purposes aforesaid . . . a common seal with power and authority to alter, vary, break, or renew the same at their discretion.

Power was given to buy, hold and sell land, to elect members, hold meetings, and remove members. This, however, gave no fiscal powers as to withholding the right to trade; a member removed merely ceased to be a member of the body corporate. Powers to appoint examiners and grant certificates of competency were also given, but none to take the certificate away so far as ordinary trading with respectability is concerned. In addition, a benevolent fund was made compulsory, and the Society was given powers to make by-laws for regulating the affairs of the Society. In all this there is never a word of trade or traders.

Education, protection from ignorant and unqualified vendors of drugs, and benevolence, in my opinion, were alone in the minds of the petitioners for incorporation as a society. Far from being critical of those who obtained the Royal Charter, I maintain that since 1843 the Pharmaceutical Society has upheld the dignity and tenets of its founders—all honour to them. Since 1843 much has happened that necessitates taking stock, as it were, of our position. There has been a slow but sure industrial revolution going on during the past few years. With the altered conditions of working and living, trade and trade unions of employes, interest has been stimulated among master tradesmen as to how best to meet the new order of things. I am not here to-night to trace the history of trade unionism, and how it has improved the social position of the workers, nor do I intend to criticise its methods; but this much I will say, the unions have fought a strenuous battle for recognition, and have won. There is much in their rules and regulations of paramount importance to the federation of pharmacists, and we would be wise to take a leaf from their book for our future guidance.

THE AIMS OF FEDERATION.

Federation, and what it should mean to the master pharmacist, is surely worthy of our closest consideration. A federation of master pharmacists must differ from a trade union of employes, which is a continuous association of wage earners for the purpose of maintaining or improving the conditions of their employment in wages, hours, etc. The principle is imbedded in the youngest child of the present generation. For example, the question was put in the elementary department of the Arbroath High School to a class of little else than infants by one of our teachers as to the meaning of certain short phrases, what are trade unions? There was a certain amount of consternation, but one little girl held up her hand in a timid way, and, on being asked to answer, replied, "A banding together of workmen to defy their masters." I need not tell you the parent of that child was an employer of labour.

Let us now examine what federation should mean to a pharmacist:

1. It would have a central body or executive to promote, develop, and protect the interest of its members.

2. It would systematise the trade so that a living wage would be assured to those distributing by retail. Wholesale houses, manufacturers of proprietary and packed goods, would be requested to so arrange their prices as to allow a profit of not less than 33½ per cent. Failure to do so

would mean a heavy mortgage on the successful sales of any article presented to the public. The pharmacist of to-day is, as a rule, a bad business man, and has ignominiously failed to realise his own personality and powers. A successful federation of every interest involved would mean fixed and regular profits on the sale of all goods.

3. It would watch the local interests of pharmacists in all cases where contracts were made, such as the supply of drugs and appliances by wholesale houses or medical supply stores to hospitals, infirmaries, poorhouses, and outdoor parochial relief.

4. It would compel "face value" of any article to be its selling price. Which of you care to handle such articles as Seigel's syrup or Beecham's pills? Did any of you push the sales of Pears' soap at a penny per dozen of profit, or Vinolia goods until the proprietors guaranteed a living wage and face value? This face value is one of the main props of federation.

5. It would mean that National Health Insurance dispensing and the supply of drugs and appliances would be put upon a proper business basis. The evident failures to establish the panel chemists' position in anything like a satisfactory condition could not possibly occur. Why go as supplicants to the mercy-seat of the Ministry of Health? If this body wants a contract for supplies to the insured, let them ask our terms; we are the sellers, they are the buyers. If the prices of our goods are not suitable then there is no business doing. I ask you, why should pharmacists attempt to prove their case, that under shop conditions a good dispenser takes an hour for the dispensing of six prescriptions and then be turned down? "The labourer is surely worthy of his hire." I tell you the position is beyond contempt, and we are fools to grovel and appeal for what is our recognised right. Federation of masters working hand-in-hand with the trades unions of assistants who will, I am certain, support the masters for fair and equitable terms, would ensure that pharmacists have their due reward.

6. It would mean that there would be an organised body capable of dealing with matters of moment to the trade. A Trade Board for pharmacy is certain and assured as we come under the Scottish Distributive Trade Board; what better organisation is required than that of a federation of practical retail pharmacists to deal with the assistants' trades unions in delicate negotiations as to wages and hours? Could the assistant have a more sympathetic attitude than from the men they are in daily contact with? There would be much in common from the nature of our calling. I believe a friendly relationship would spring up which would help to relieve tension and remove friction.

7. It would mean co-operation in its widest sense. I do not for one moment suggest it would end friendly rivalry, but the spirit of *camaraderie* induced would be stimulated, and the helpful hand of a brother pharmacist is no mean thing. How little we know and how little we care for one another at present!

8. It would mean that by fair dealings by pharmacists and the help of manufacturers the vexed question of the substitution of unprofitable lines would gradually cease to exist. Open-handed, honest business has its own reward, and repays a thousandfold. Give a customer what he wants and he will find his way back to you. Remember, he does not come to you for the latest novelties from Paris. My experience is that customers to a pharmacy know what they want, and unless one is faced with a condition of things like that from the proprietors of a popular embrocation, no substitution should be proffered or countenanced.

There is much more in federation that I should like to speak of, but time flies, and I have already outlined in a sufficient manner food for thought and reflection. My critics—and they are many—may say I have begged the question and put nothing before you of a practical nature. Well, gentlemen, my reply is that federation on the above lines has just passed the creeping age; it has almost ceased to toddle, and by and by will be in the strong rapid stride of early manhood. Federation, like the growth of human beings, must creep, toddle and walk before it can run. I would ask you, in your criticism, to remember federation can only evolve to its full majesty as time develops it. The foundation of Scottish Pharmaceutical Federation is truly and surely laid; it is for you to build or mar the superstructure.

"FROM PLACARD TO PLACARD."—" . . . The age of advertisement, when a large section of the public lives, mentally, so to speak, from placard to placard. . . ."—*Admiral Sir Rosslyn Wemyss (at Sheffield).*

Associations' Winter Session.

Bournemouth.—The monthly meeting of the Bournemouth Pharmaceutical Association was held on October 17, the President (Mr. D. D. Buchan) in the chair. A letter from the Halifax Chemists' Association was read on the question of unremunerative proprietaries, and it was decided to support the Proprietary Articles Trade Association. Mr. J. H. Scampton was elected to fill a vacancy on the Committee. A Committee was appointed to make the necessary arrangements for a dinner to be held in November. A discussion on the Profiteering Act followed.

Bradford.—A meeting of the Bradford Pharmacists' Association was held on October 14, the President (Mr. W. Sutcliffe) occupying the chair. There was a good attendance. On considering the recommendation of the Local Associations Executive that local Associations should become branches of the Pharmaceutical Society with membership conditional on membership of the Society, it was agreed to postpone a decision, but to ask the Pharmaceutical Society to make membership of the Society compulsory on the passing of the Qualifying examinations. With regard to representation on the local Profiteering Committee, it was decided to ask the Chamber of Trade to include Mr. A. T. Bailes (Secretary of the Association) among traders' representatives appointed to the Committee. Mr. W. H. Saunders (Liverpool) wrote thanking the Association for the reception given him on a visit last session. He said he would be glad to hear of any decision which the Association may reach, as to whether chemists in a town like Bradford shall definitely go for face values irrespective of "Octopus, Ltd." Mr. Saunders urged the adoption of a minimum retail price-list issued by Mr. Charles Philip, Herne Bay. It transpired that Mr. Philip had sent copies of his list to most of the Bradford chemists. Discussion took place as to whether this list shall be adopted, but it was decided to use the existing list, which cost less, is simpler, and, as it does not show cost-prices, can be shown to customers who dispute the retail-price. Messrs. Gibson, Dixon, and C. Fielding (Halifax Chemists' Association) then addressed the meeting on whether chemists shall decline to handle patent medicines which yield less than 20 per cent. gross profit. Mr. Dixon explained the course of the fruitless efforts of the Halifax Association to get either the Local Associations Executive or the Proprietary Articles Trade Association to take up the matter officially, and it has now been decided to ask other Associations to vote on the question of a national boycott of such patents. Mr. Dixon said it was hoped to come to an arrangement in each town by which all the chemists will offer to the public only one chosen substitute for the article banned. The Halifax Association suggested "Ucal" articles as substitutes, but, of course, an Association might prefer something else. Mr. Dixon read a letter from Ulster stating that the Irish chemists are united on this subject. Glossop and Hull Association voted in favour of the scheme, though they thought the effort will be fruitless without the multiple shops. Leicester Association turned the scheme down, whilst agreeing that the profit is inadequate, on the ground that manufacturers are at present taxed to the uttermost. Sunderland preferred to leave the question to the P.A.T.A. and Wolverhampton held a similar view. The County of Kent Association had not officially considered the matter, but the Secretary questioned whether a boycott would not constitute a breach of the law, though their sympathies were with the cause. The L.A.E., said Mr. Dixon, ought to tackle this problem, even though it is a trade matter. Action must come from London if it is to be a success. Halifax Association's anxiety is to show that something must be done at once. Mr. Fielding spoke in support of his colleague, and said this question is beyond the scope of the P.A.T.A. Mr. J. A. Thorpe said the boycott would be useless without the support of the stores, and his previous experience as a store manager suggested that the stores will not support the scheme. Mr. F. E. Burdett did not consider the substitution of "Ucal"

goods practicable in all cases. Mr. R. T. Silson said the Halifax Association's former Secretary had once given a paper in which he recognised that the proprietary articles manufacturer had benefited the chemist by introducing new lines to attract trade. Chemists must try to meet the public demand, just as wholesalers go to great trouble to supply whatever the chemist asks for, whether or not the transaction pays. Mr. A. Faull remarked that some wholesalers are doing a little in the way of boycott on unprofitable patents. Mr. M. Firth said the scheme is very desirable, but he thought hardly practicable. Unanimity throughout the country means bringing in all the multiple shops, the co-operative stores, and even the grocers. He thought the face values movement is of far greater value. The meeting agreed to support a boycott on condition that it included all trades concerned. There was considerable opposition to a resolution promising the support of those who were against the boycott, provided a majority in favour was obtained, and this resolution was withdrawn. The Chairman believed the time will come when the Halifax pioneer movement will succeed. Personally, he thought the time for action is near. Mr. Dixon, in reply, said the face values campaign does not really touch the subject, because many articles sold at face values do not yield the profit. As to the grocers, his experience of dealing with them suggested that they will readily fall into line with the chemists. Action must be national and not local. Mr. Fielding said he had put this scheme into practice in his own business years ago. There is a long list of articles which he does not sell, and he dated his prosperity from the time he ceased to stock them.

Cambridge.—The annual meeting of the Cambridge Pharmaceutical Association was held on October 17, the President (Mr. Parson) in the chair. The reports of the Treasurer (Mr. H. Flanders) and of the Secretary (Mr. S. Barker) were adopted, and the President then opened a discussion on present pharmaceutical problems, including the Whitley Report, Federation, and the Profiteering Act. It was considered necessary that some steps should be taken to protect traders from frivolous and malicious complaints, and that publicity should not be given to cases of this description when no proceedings were to be taken. The future constitution of the Association was also discussed. Already an Employers' Section has been formed, and it was suggested that an employees' section should be started, both to work together, if possible, for the welfare of pharmacy. The Junior Association, comprising the apprentices and juniors, which has been in existence for several years, was stated to be in a flourishing condition. It was decided to call meetings of juniors and of qualified non-proprietor pharmacists, and report later whether a course of lectures, which would be recognised by the Pharmaceutical Society as forming part of the curriculum, could be arranged. The following officers were elected for the ensuing season: *President*, Mr. J. Parson; *Hon. Secretary*, Mr. S. F. Barker; *Treasurer*, Mr. H. Flanders.

Chesterfield.—At a special meeting held on October 14, Mr. J. H. Wilbourn in the chair, it was resolved to raise the annual subscription to 10s. The Secretary having received a favourable reply from Boots, Ltd., it was unanimously agreed to resume dinner-time closing in Chesterfield (*C. & D.*, October 11, p. 65). It was decided to hold a dinner, at which a presentation would be made to Mr. J. H. Toplis in recognition of his past services as Secretary. The Secretary was instructed to write to Sir William Glyn-Jones with regard to delay in admitting local apprentices (ex-Service men) to college under the War Office scheme. After a general discussion on retail prices, with special reference to the Profiteering Act, Mr. S. A. Robey gave an interesting account of *Life in the R.A.M.C. at Home and Abroad*.

Ealing.—The Ealing Pharmacists' Association began the session on October 14, the President (Mr. S. McKee) occupying the chair. The President, in his opening remarks, made sympathetic reference to the late Mr. Strickland. A discussion on Insurance dispensing followed, the general opinion being that the work was not worth doing at the present remuneration, and if the terms are not better next year many of the members may resign from

the panel. The Secretary was asked to call a special meeting to consider the matter. The Profiteering Act, the question of having lectures during the session, and the rate of profit on certain patent medicines were also discussed.

Eastbourne.—The annual general meeting of the Eastbourne Pharmacists' Association was held on October 14, and the reports submitted were considered satisfactory. Mr. G. A. Harmer, on retiring from the presidency, was thanked for his past services. The following officers were elected: *President*, Mr. H. C. Brown; *Vice-President*, Mr. G. A. Harmer; *Hon. Secretary and Treasurer*, Mr. D. Marchant. The Proprietary Articles Propaganda Committee's proposal was discussed, and it was decided to arrange a meeting between a representative of the Committee and members of the Association.

Glasgow.—The first meeting of the Glasgow and West of Scotland Chemists' Association this session was held at 165 Hill Street, Glasgow, on October 22. Mr. John Murchie (President) occupied the chair. There was a crowded attendance. After formal business the President called on Mr. James Jack, J.P., F.L.S., Ph.C., President of the Scottish Pharmaceutical Federation, to deliver an address on *What Federation Should Mean to Pharmacists*. (The paper is given in full on p. 62.) An animated discussion followed, among the speakers being Messrs. Macmillan, Newall, Mackenzie, Moir, Riddell, Guthrie, Mackay, Abbott, and Moffat. Mr. Jack having replied to the points raised, a hearty vote of thanks was accorded him on the motion of Mr. McVitie.

Hull.—On October 14 a meeting of the Hull Association of Pharmacists was held, at the Station Hotel, under the presidency of Mr. A. S. Snowden. A large number of chemists and friends assembled to hear Mr. E. Haworth Earle lecture on *Hogarth*. The subject was illustrated by mezzotints, engraved by Richard Earlom in 1800, and representing the famous pictures entitled by Hogarth, "Marriage à la Mode." The lecturer gave a sketch of the social life in the days of George II., and showed how Hogarth depicted with exactitude the habits and customs of the eighteenth century.

Leeds.—A meeting of the Leeds Chemists' Assistants' Association, held on October 14, was addressed by the President (Mr. J. Pendlebury), who spoke on the aims of the local Association and of the National Association of Chemists' Assistants.—A social evening will be held in November. Inquiries should be addressed to Mr. T. Rawling (Secretary), 24 Norwood Terrace, Headingley, Leeds.—The members of the Leeds Chemists' Association opened their winter session with a successful social gathering. The President (Mr. N. N. Armitage) presided and there was a good attendance of members and friends. The contributors to the evening's entertainment were Messrs. Crawford, Baxter, Soar (Erasmic Co., Ltd.'s, representative), Wells, Beacock, Lancaster, Swales, Law, and Mr. E. E. Haslegrave, who rendered a topical song, dealing entirely with the Leeds Chemists' Association, its *personnel*, and activities. Mr. Haslegrave also acted as accompanist.

London Co.—A meeting of the Executive Committee of the London County Pharmaceutical Association was held on October 21, Mr. G. B. Barnard (President) in the chair. In the Secretary's report it was stated that the Western Pharmacists' Association had appointed Messrs. W. Wilkinson, H. F. Trunchion, and B. R. Wilkinson as representatives on the London County Executive, and the agenda of the annual meeting was agreed upon. It was decided to invite Sir William Glyn-Jones, Messrs. F. Pilkington Sargeant, J. W. Deakin, and G. A. Mallinson to address the meeting. Mr. John Keall agreed to address the meeting on the Profiteering Act. The Organisation and Trade Sub-Committee reported on the price and supply of malt and oil, B.P.C. (this matter was referred to the Pharmaceutical Committee for further consideration); on the steps taken to protect the prices of a new proprietary; on the register of rare drugs and chemicals kept at the Association's office; and on the analysis of a proprietary preparation as to its content of a part 2 poison. The Secretary was requested to report

the matter to the Pharmaceutical Council for appropriate action. A proposed Conference of representatives in the Metropolitan group, concerning the Federation of the area, has been postponed until November. With regard to the Profiteering Act, the Committee has been informed that the Chemists' Defence Association are prepared to consider certain cases of alleged profiteering against their members. The report was then adopted.

Manchester.—A successful whist drive and concert was held by the Manchester Pharmaceutical Association on October 15. About eighty members and friends were received by the President (Mr. Hershberg) and Mrs. Hershberg, and, during an interval for refreshments, Messrs. Franklin and Chapman, and Mesdames Breese and Redford entertained the company with songs. Mr. Matz was the accompanist. Whist was afterwards recommenced, and the President presented the prizes, eight in number, to the winners.

Middlesex.—A meeting of the Middlesex County Executive was held at the Progressive Pharmacy Club on October 15, Mr. Herbert Skinner in the chair. Officers were appointed as follows: *President*, Mr. Skinner; *Vice-President*, Mr. C. W. Andrew; *Secretary and Treasurer*, Mr. Hugo Wolff. Mr. A. Flood joined the Executive as successor to the late Mr. E. F. Strickland. The question of alleged profiteering was left to the district Associations for any necessary steps to be taken in warning chemists. An invitation from London County to discuss federation was not accepted in view of the fact that the district Associations had not received particulars of the proposed scheme from the Pharmaceutical Society.

Newcastle-on-Tyne.—The annual meeting of the Newcastle-on-Tyne Pharmacists' Association was held on October 15, the President (Mr. Flemming) in the chair. There was a good attendance of members. The Secretary's report was adopted. It was proposed that the meeting should place on record the work done by Mr. Noble, who had checked all the prescriptions under the War Relief Scheme, and also the way in which the chemists of the district had "done their bit," having dispensed some 25,000 prescriptions under the scheme. The Treasurer's report showed that the sum of 468*l.* 10*s.* had been raised in connection with the various schemes. The officers elected for the coming year are: *President*, Mr. Flemming; *Vice-Presidents*, Mr. Simpson (Felling), and Mr. Buckley (North Shields); *Treasurer*, Mr. Kerse; *Hon. Junior Secretary*, Mr. Hepworth; *Additional Members of Council*, Messrs. Pescod (Gilderdale), Gibson (North Shields), Williamson (North Shields), Popham (Low Fell); *Auditors*, Messrs. Doig and Whitehead; *Hon. Solicitor*, Mr. Layne. A donation of 5*l.* 5*s.* was granted to the Benevolent Fund. Mr. Pescod was re-elected as representative of the Association at the Chamber of Commerce. He then gave an interesting account of the work done by that body, and explained how the deadlock, that resulted from the railway company's refusal to handle London empties, had been dealt with by the Chamber. Mr. Fleming followed with his presidential address on *The Ideals and Aspirations of Pharmacy*, and said that a review of the past twelve months as President showed that much had been attained which, prior to that time, had appeared ideals and aspirations. He then dealt with the division of the Qualifying examination and reviewed the position in regard to ex-Service men. In Newcastle, he said, what had for long been desired was now accomplished. Pharmacy students, to the number of forty, had commenced studies at Armstrong College, while Rutherford College had provided a course of evening classes. The training of pharmacists, on a satisfactory basis, is not now a private enterprise, but part of a university course. It is for pharmacists in the North to see that a sufficient number of students are forthcoming, in order to retain the establishment of this as a centre. Speaking of organisation, Mr. Flemming said the objects of both the Newcastle resolutions, sent to Conference in April, had been realised much sooner than anyone could have anticipated. Federation into groups had been accomplished, and there seemed every reason to expect that this was a real progressive move. As for

assistants and apprentices, steps should be taken to see that junior organisations do not confine their efforts to the consideration of labour conditions alone, but that cordial feeling should be fostered with the older associations. The ancient doctrine, that the interests of employers and employes run in opposite directions, should be absent; that foolish assumption was, he considered, the weakest point in the trades-union movement. The election of the Local Associations Executive on a territorial basis was important, but the small vote had been disappointing and must be altered next time. The admission of the apothecaries' assistants had, if nothing otherwise were in its favour, rallied pharmacists, as nothing else in recent years had done. Mr. Flemming then appealed for closer local organisation and greater support for the Pharmaceutical Society, for he believed that if pharmacists do not accept membership the time will come when they will be compelled to, if from no other motive than their own protection.

Torquay.—The quarterly meeting of the Torquay Pharmacists' Association was held on October 21, Mr. Evans (Vice-President) presiding. The Profiteering Act was dealt with as suggested by the Pharmaceutical Society, a committee being appointed to assist any member of the craft victimised under the Act. Dispensing prices also received consideration, and although opinion on various proposed schemes was not unanimous, a schedule of suggested dispensing fees was drawn up to be submitted to the forthcoming county meeting, and a resolution passed that pricing be based on a profit of 50 per cent. on the cost of drugs and container; an agreed dispensing fee; and with the lowest charge of the minimum retail price-list. Mr. R. H. Benson was elected to membership.

Wolverhampton.—A meeting of the Wolverhampton Chemists' Association was held on October 15, at which Mr. C. M. Warner (President) presided. The Association prizes of 10s. 6d. each for the best students in chemistry and botany at the Technical School were gained by Miss Lucy O. Hall (chemistry) and Miss Muriel Wigley (botany). The secretary stated he had forwarded 1l. 2s. to the Pharmaceutical Society's Benevolent Fund from the collecting-box. A date was fixed for a visit from a delegate of the Proprietary Articles Trade Association. A letter on the question of federation was read, and it was resolved to agree to the scheme. Mr. Trotter was elected delegate. The President welcomed Mr. Ress on his return from the Army. Messrs. Caley and Turner objected to the report of the meeting, held on July 30, stating that it did not give a clear account of the division on the by-law. It was explained that the voting on that occasion was strictly confined to members of the Pharmaceutical Society.

Wirral.—A meeting of Wirral pharmacists was called for October 15, at Hoeton. Representatives attended from Wallasey, Birkenhead, and Chester, but Wirral pharmacists notably were absent. An excellent *résumé* of current pharmaceutical politics was given by Mr. J. W. Deakin, J.P. (Chairman of the Local Associations Executive).

Coloured Smokes.

By E. H. Brittain.

DURING the war so-called coloured-smoke clouds were used for various signalling purposes by day. There were two kinds, one of a deep cochineal-red tint, and the other orange or bright yellow. They present several points of interest to the chemist, as they are not really "smokes" at all, but sublimed particles of chemicals in suspension in the air. "Smokes" of these vivid colours are, of course, unusual and always attract attention as being peculiar. They are quite easily made, provided one has the right ingredients and observes a few simple directions. The yellow or orange smokes are mixtures of realgar or orpiment with sulphur and saltpetre.

One formula is :

Realgar	...	...	...	1 part
Saltpetre	...	...	...	1 part
Sulphur (flowers)	...	...	...	1 part

And another :

Orpiment	...	...	...	40 parts
Saltpetre	...	...	...	33 parts
Sulphur (flowers)	...	...	...	25 parts

The ingredients are mixed thoroughly, and must be in fine powder. The mixture is then tamped into a card or metal cylinder—say, 3 in. long by 1 in. diameter, or 2 in. by 1½ in. diameter—and the ends securely plugged with cork or clay. One or more small holes (about ¼ in. diameter) are then made in the side and a strand of quickmatch inserted in one of them an inch into the composition. On lighting the quickmatch a dense jet of orange-coloured smoke streams out of the hole, and continues to do so till the composition has burnt out or the vapour escapes from another hole. It is better to have more than one hole, as considerable pressure develops if the cartridge is large, and a single hole is frequently choked by the fused mass resulting from the combustion, which sets solid very quickly on exposure to air. The *modus operandi* seems to be that the orpiment and sulphur are oxidised by the saltpetre, and the heat of the reaction sublimates part of the orpiment, which is carried out in a jet and condenses, on contact with the air, into a cloud of yellow or orange particles. No yellow cloud is produced if the composition is burnt in the open air, nor if the aperture is too large and allows the vapour to burn outside the hole. The hole must be small enough to set up internal pressure, and so cause the vapours to escape in a jet.

The red smokes are more interesting as being still further removed from the usual idea of smoke. The basis of these is an aniline dye called rhodamine B, which was not easy to obtain during the war, as it was not made, to any extent at least, in this country. A French formula is :

Rhodamine B	...	...	...	12 parts
Acid lactic	...	...	...	10 parts
Chlorate of potash	...	...	...	9 parts

And the conditions necessary for smoke production are as for yellow smoke. But I had little success with this formula, and found

Rhodamine B	...	...	...	7 parts
Chlorate of potash	...	...	...	3 parts
Sodium chloride	...	...	...	1 part

worked better. On other samples of rhodamine this was not altogether as successful as regards length and steadiness of burning, and I concluded that the samples varied as to their percentage of true rhodamine and the nature of the diluent or carrier of the dye, which in some cases seemed to be dextrin, though I made no exhaustive analysis. The effect of the red smoke is extremely pretty, but as rhodamine is expensive it is best tried in very small cartridges—half of an ordinary discharged sporting cartridge-case will answer well.

Some very pretty effects can be obtained by packing the yellow and red compositions in alternate layers in a long card cylinder, piercing it with holes of about ⅜ in. every 1½ in. The issuing smoke clouds merge into one another, giving various colour effects as the burning passes from one layer to the next. The mixtures are not dangerous, and though internal pressure is considerable when burning, at the worst they only blow out the end plug, and if small containers are made they are quite safe. It is, of course, necessary to burn them out-of-doors, as the erpiment vapours are poisonous and not very sweet smelling. For signalling purposes small cylinders about 2 in. by 1½ in., with several holes ignited simultaneously, were discharged from rockets in mid-air, and were suspended from small parachutes to delay their fall while emitting the smoke clouds, the ignition of the smoke composition being effected at the moment of discharge from the rocket-head.

Commercial and Produce Notes.

C.I.F. Contracts.

The Manchester Association of Importers and Exporters have taken steps to circulate a synopsis of a recent judgment of Mr. Justice Bailhache as to the obligation on the part of the sellers of a c.i.f. contract to produce a policy of insurance when tendering documents in exchange for cash. This learned judge, whose commercial judgments usually give satisfaction to business men, held that the buyer is not obliged to take up the documents if they do not include the actual policy of insurance. In the case that was being decided the sellers had produced a broker's note or certificate of insurance, maintaining that it had become a recognised custom to accept such as equivalent to the policy, but the judge held that it was not proved that any such custom had become established.

American Trade in Germany.

Mr. Irving A. Keene, a member of the American Chamber of Commerce in London, has recently been visiting Germany with a view to ascertaining the present position of the German chemical industry and its capacity for exporting chemicals. In an interview with the "Pharmazeutische Zeitung," Mr. Keene is stated to have said that the object of his visit was to arrange direct relations between a number of American firms, represented by him, with German firms able to supply goods, in the interests of both parties, and possibly to arrange for immediate supplies. Mr. Keene stated that the Americans were prepared to supply raw materials on credit, for instance, opium, and on receiving the finished product, in the above case morphine alkaloids, would balance the respective accounts.

Japanese Celluloid and Camphor Industry.

It is reported that steps are being taken to amalgamate all the celluloid factories in Japan, and that the firm of Sakai and Aboshi in Tokio will combine with the Royal celluloid works, in order to remove difficulties in the way of procuring raw materials, and to facilitate the sale of its products. The Japanese firms propose an agreement with the celluloid manufacturers in Formosa, whose works have been considerably extended of late, thanks to their favourable situation in the camphor producing districts, and whose exports to Europe and America have further increased during the war. The Japanese celluloid industry has suffered a severe blow in consequence of a measure recently enforced by the Government with a view to raising the prestige of Japanese goods abroad.

Ceylon Products.

The exports of cinnamon from Ceylon during 1918 showed an increase of 320,773 lb. in rolls and of 462,593 lb. in chips. The total exports amounted to 2,876,315 lb. and 1,225,722 lb. respectively; the exports of cinnamon in rolls to the United States decreased by no less than 1,200,000 lb., but this was compensated by increased imports from other cinnamon-producing countries. The total exports of cardamom-seeds during 1918 amounted to 383,050 lb., an increase of 15,216 lb. Shipments to Great Britain, France, and the United States decreased by 41,147 lb.; on the other hand, the exports to Norway, Egypt, and British India showed an increase amounting to 53,046 lb. The following figures give a comparison of the exports of citronella oil in 1917 and 1918 (in lb.):

	1917	1918
Great Britain ...	266,877	275,217
France ...	11,303	4,421
Australia ...	121,758	126,590
United States ...	745,026	430,323
British India ...	24,891	51,974
Japan ...	33,221	91,233
China ...	1,800	44,713
Other countries ...	1,321	11,723
Total ...	1,211,197	1,048,202

Camphor Production in Formosa.

The United States Commercial Attaché in Tokio reports that the companies which supply the crude camphor to the monopoly bureau have combined to form an association in order to organise and prevent waste in the collection of

camphor. The association will be better equipped to compete with other industries in the labour market, and will also be able to negotiate with the Government on the question of the price to be paid for crude camphor. During the present financial year a total output of at least 4,000,000 kin (5,291,080 lb.) is expected, and after April 1, 1920, it is hoped to increase the output to five or six million kin. At present the Japanese Government is conducting an investigation to ascertain the amount of camphor obtainable from the trees growing wild, including those districts inhabited by the natives of Formosa opposed to the Japanese occupation. A rough forecast assumes that these trees will be capable of yielding about 5,000,000 kin annually for a period of ten to fifteen years, whereupon these trees will be felled, as contemplated by the Formosan Government. Although a camphor tree does not attain its full growth until sixty years, it is possible to utilise trees twenty to twenty-five years old.

Owing to the difficulties experienced by the camphor refiners in the United States in consequence of the small amounts of camphor exported from Japan, the Japanese Government has ordered the Japanese refiners to supply 20,000 lb. of refined camphor to the United States at 3 per cent. below the market price. This order does not affect the supplies issued by the Formosan monopoly bureau to its usual clients in the States. The monopoly bureau exports to Europe "BB" camphor, whereas crude or "B" quality camphor is supplied to the States; in the preparation of "BB" quality from "B" camphor there is a loss of 12 to 13 per cent., and in the following table, showing the exports of the monopoly bureau for each financial year (April 1 to March 31), the amounts are stated in "B" camphor to facilitate comparison.

Year.	Production in pounds	United States	Europe
1915-1916 ...	10,389,521	4,211,766	1,706,277
1916-1917 ...	11,506,447	6,525,489	1,726,997
1917-1918 ...	7,945,890	4,129,027	1,045,345
1918-1919 ...	6,137,732	2,555,188	913,021

German Chemical Supply.

The German Government has issued the following list of chemicals which may be exported without any restrictions to Great Britain:

Iron, acetate	Lead nitrate
Calcium acetate	Lithium carbonate
Acetic acid	Magnesia
Acetone	Magnesium chloride
Adalin	" sulphate
Aluminium	" dioxide
" acetate	Menthol crystals
" sulphate	Mercury salts
Ammonia	Methyl-ethyl-ketone
Ammonium carbonate	Nitric acid
" chloride	Nickel oxide
" chlorate	Oxalic acid
" nitrate	Phosphoric acid
" phosphate	Picric acid
" sulphate	Quinidine salts
Baryta	Quinine salts, except quinine sulphate
Bleaching powder	Chinoidine
Boracite	Acetates
Calcium borate	Caustic soda
Magnesium borate	Crystalline sodium salts
Borax	Soda ash
Boric acid	Sodium aluminate
Sulphur in sticks	" bicarbonate
Calcium carbide	" chloride
Carbon disulphide	" nitrate
Carbonic acid	" nitrite
Chloroform	" silicate
Chromic acid	" sulphate
Cinchonine salts	" sulphite
Cinchonidine salts	Stovaine (substitute for cocaine)
Calcium citrate	Sulphuric acid
Citric acid	Tartar emetic
Copper sulphate	Tartaric acid
Cream of tartar	Oils: Fish oil, cod-liver oil, spermaceti oil, animal oil, coconut oil, refined and unrefined oil, mineral jellies, liquid paraffin, turpentine, essential oils (provided these cannot be used for perfumery), and other oils not enumerated.
Epsom salt (Rieserit)	
Ether	
Ferrous sulphate	
Formaldehyde	
Fusel oil	
Photographic gelatin	
Glycerin	
Hydrochloric acid	
Hydrofluoric acid	
Iodine	
Lactic acid	
Lead acetate	

Trade Report.

42 Cannon Street, E.C. 4, Oct. 23.

A FAIR volume of business has been done in the chemical and drug markets this week, and the bulk of the price fluctuations have been on the upward trend. Sales, however, are mostly confined to spot delivery, and in view of the unsettled conditions few contracts are being placed for forward delivery, especially in pharmaceutical chemicals. Bromides are a feature, with British firms in a position to offer the German make and to sell as such. Soda is about 3d. higher, but potash and ammon. are unchanged, although supplies generally are scarce. Vanilla and hexamine are firmer, likewise cream of tartar and tartaric acid; citric acid is easy. Barbitone, aspirin, phenolphthalein, and phenazone are cheaper on the spot. Mercurials are 6d. per lb. lower from the makers. Both English camphor flowers and tablets and Japanese slabs are dearer. Cocaine is scarce and firmer. Among drugs and oils, Belgian valerian and English castor oil are lower. Galls and opium are dearer. Cloves, star-anise, and cassia oils have also advanced. Other changes include an advance in antimony and sal ammoniac. Cloves and pimento are higher, and Japanese farina is easier.

Higher	Firmer	Easier	Lower
Aloes (Cape)	Albumen	Aspirin	Cascarilla
Antimony	Anise oil, star	Barbitone	Castor oil
Camphor	Cocaine	Calumba	Cocoa-butter
(Eng. flowers)	Cream of	Farina	(Eng.)
Camphor (Jp. ret.)	tartar	Ipecacuanha	Honey
Cannabis ind.	Eucalyptus oil	(Matto Gross o)	Linseed oil
Cassia oil	Hen-yolk	Phenol- phthale	Mercurials
Clove oil	Hexamine	Pot. sulphor- guaiacolat	Phenazone
Cloves	Opium	Shellac	Valerian (Belgian)
Fenugreek-seed	Palm oil		
Galls	Quicksilver		
Gamboge	Tartaric acid		
Menthol	Vanilla		
Mint oil (Jp.)			
Pimento			
Sal ammoniac			
Senna (Tinn.)			
Soda bromide			

Cablegram.

NEW YORK, October 22.—Business is quiet. All mercurial salts have been reduced in price. Opium is also lower, \$8.00 per lb. for druggists' in single cases. Antipyrin has been reduced to \$4.90 per lb. and milk-sugar to 32c. Mercury is cheaper at \$80.00 per bottle. Guarana is lower at 80c. Mexican sarsaparilla is quoted at 45c., balsam tolu at \$1.55, and balsam Peru at \$3.50, all being lower. Menthol has advanced to \$10.00 per lb. and elecampane-root to 14c. per lb.

ACETANILIDE shows an appreciation of about 3d. per lb., dealers quoting 2s. 9d. to 3s. for powder and crystals.

ALMOND OIL.—English expressed (ol. amygdale) is unchanged at from 5s. 9d. to 3s. 11d. Peach or apricot kernel oil is rather cheaper from English pressers, who offer at from 2s. 6d. to 2s. 8d. per lb., as to quantity.

ANISE OIL, STAR.—Chinese "Red Ship" brand is firmer, with spot sales at 5s. 3d. to 5s. 6d. per lb. and buyers.

ASPIRIN continues to be characterised by keen cutting among dealers, and business in B.P. quality can be done at 4s. 2d. per lb. in quantity, and smaller lot at from 4s. 4d. to 4s. 6d.

BARBITONE has eased somewhat, importers offering at 27s. 6d. to 30s. per lb. for spot parcels.

BROMIDES.—It appears that permits have been granted to certain firms to import German bromide salts, and a quantity is on the way, and such will be offered as of German make. It is not anticipated that the quantities to be imported will appreciably affect prices. Un-

doubtedly there is a scarcity of the salts on the spot, American importations sold for forward delivery not materialising as quickly as anticipated. Soda bromide is dearer on spot, a fair quantity having been sold at 2s. 9d., but this cannot be repeated, and 5s. is more generally asked. Potash is 4s. to 4s. 3d. and ammon. is 5s.

CAMPHOR (REFINED).—Japanese 2½-lb. slabs are dearer on spot from 16s. 9d. to 17s. per lb. having been paid. The English refiners have raised their prices by 6d. per lb. to 17s. for flowers, and tablets are quoted at from 17s. 3d. to 17s. 6d. Bells are non-existent. The exports from Japan during July amounted to 183,179 kin, valued at 835,298 yen.

CANARY-SEED is quiet but firm at the recent advance in price. Common to fair ordinary is quoted 160s. to 170s., and good Morocco 175s. per quarter.

CASSIA OIL is dearer, with spot sales of 80 to 85 per cent. c.a. at 8s. 6d. per lb.

CASTOR OIL.—English make has been reduced by 5l. per ton, pharmaceutical quality offering at 99l., first pressing at 96l., and seconds at 94l. per ton net, barrels included, ex works Hull. In the drug-auction 50 cases pharmaceutical quality sold at from 95l. to 96l. per ton.

CINCHONA.—At the Amsterdam auction, to be held on November 6, 590 packages, weighing 33,858 kilos., will be offered.

CITRIC ACID is quiet at from 4s. 3d. to 4s. 4d.

CLOVE OIL.—The further advance in cloves has caused English distillers to quote 18s. 6d. per lb.

CLOVES are firmer, with spot sales of fair Zanzibar at from 2s. 2d. to 2s. 3d. per lb.

COCAINE.—Hydrochloride is scarce on the spot, and the tone is decidedly firmer. There is a good demand for forward delivery; for single tins the value is 35s. per oz.

COCA-LEAVES.—At the Amsterdam auction, to be held on November 6, 359 packages Java, weighing about 49,520 kilos., will be offered.

COCOA-BUTTER is 2d. per lb. lower than when last quoted, prime English offered at 2s. 6d. per lb. ex works.

CREAM OF TARTAR is firmer at 260s. per cwt. for 99 per cent. to 100 per cent. powder on the spot.

ERGOT.—The *Mercede* has arrived with thirteen bags from Spain.

EUCALYPTUS OIL meets with a fair seasonable demand, with up to 2s. 9d. per lb. asked for B.P. oils. In the drug-auction 65 cases (75 to 76 per cent.) eucalyptol sold at 2s. 9d. per lb.

FARINA is easier, Japanese No. 1 having been sold at 39s. to 38s. 6d. per cwt. on the spot, and October-December shipment at 37s. 6d. to 37s. c.i.f. Sweet potato flour is easier, 33s. on spot and 32s. c.i.f.

FENUGREEK-SEED is slightly dearer, good sales of fair Morocco having taken place at 15s., with holders now asking 15s. 6d. per cwt.

GALLS.—In sympathy with the higher prices asked at primary sources, Persian blue are now held for 135s. to 140s., green at 120s., and white at 110s. Plum-shaped Chinese are quoted at 175s. and ordinary at 170s.

GUAIACOL CARBONATE is easier, dealers offering at 28s. to 29s. per lb., as to quantity. Guaiacol liquid is 34s. to 35s. per lb.

HEXAMINE is firmer on the spot, at from 5s. 6d. to 5s. 9d. per lb.

MALT EXTRACT.—As notified last week, owing to the increased value of malt, manufacturers of extract have recently advanced their price 5s. per cwt. This now makes the price in bulk 78s. per cwt., and for the combination of oil 100s. per cwt. It should be noted, however, that these prices are only possible through the manufacturers having covered their requirements for some distance ahead, as if they had to buy at present rates, Californian malt at 156s. per quarter, or British-grown at 137s. per quarter, these prices would have to be considerably advanced. It is hoped that before next season the cost of malt will have receded to a more reasonable level so as to render it unnecessary for any further increase in the cost of the extract.

MENTHOL has been quiet, with spot sales of Kobayashi-Suzuki at 45s. to 46s. per lb. The exports from Japan during July amounted to 17,391 kin, valued at 182,970 yen.

MERCURIALS.—A further reduction of 6*d.* per lb. has been made by makers. Present list prices are: Hydrarg. bichlor., 5*s.* 10*d.*; hyd. chloride, 6*s.* 4*d.*; hyd. nitrate oxide, 7*s.* 3½*d.*; ditto levig., 6*s.* 10*d.*; hyd. oxide flav., 6*s.* 8*d.*; hyd. precip. alb., 6*s.* 11*d.*; hyd. sulph. alb., 5*s.* 8*d.*; ditto nig., 5*s.* 4½*d.* per lb. net.

MINT OIL.—With renewed demand spot prices have advanced about 6*d.* per lb., Kobayashi-Suzuki selling at from 9*s.* 3*d.* to 10*s.* per lb., and for afloat 9*s.* 4½*d.* c.i.f. has been paid. The exports from Japan during July amounted to 59,295 kin, valued at 148,584 yen. During the seven months ended July 31 they were as follows:

		1917	1918	1919
Kin	...	122,002	92,447	258,009
Yen	...	275,158	188,885	679,233

NUTMEGS.—Penang have been sold at the higher rate of 2*s.* 1*d.*, with 2*s.* 3*d.* asked.

OPUM.—Turkey cables report a decidedly firmer tone, with a steady business, 12 per cent. offering at from 17*s.* 6*d.* to 18*s.*, with the prospect of higher prices. Persian is nominal at 50*s.* spot in the absence of business.

ORANGE OIL is firm, Sicilian sweet offering on the spot at 16*s.*, and to arrive at 15*s.* 6*d.* to 15*s.* 9*d.* c.i.f. A Palermo advice dated October 7 states that the market is entirely controlled by local speculators. The new crop of oranges is small, and in addition the prices which are being paid for forward contracts for new oranges are such that very little fruit is expected to be left for pressing purposes. The available supply is very limited, and the stocks on hand are held by speculators, who are unceasingly pushing up the price. Prices are quite nominal, as the market is continually and widely fluctuating.

PHENACETIN is unchanged at from 16*s.* 6*d.* to 16*s.* 9*d.* per lb., as to quantity and seller.

PHENAZONE is rather cheaper, dealers offering at 20*s.* 6*d.* to 21*s.* 6*d.* per lb.

PHENOLPHTHALEIN has been reduced slightly, importers offering at 16*s.* 6*d.* on the spot and 14*s.* c.i.f. to arrive.

PIMENTO is higher, with spot sales at from 5½*d.* to 5¾*d.* per lb.

POTASH SULPHO-GUAIACOLATE is cheaper at 23*s.* per lb. for spot parcels.

QUICKSILVER.—The frequent fluctuations have unsettled the market. Last week the market closed firm at 16*l.* 10*s.* to 16*l.* 15*s.* per bottle, and on Monday an advance of 5*s.* was recorded, to be followed by one of 5*s.* on Tuesday, making the quotation 16*l.* 15*s.* to 17*l.*, this being the price on Wednesday evening.

QUININE.—Government control continues to be the order of the day, and to interfere principally with the home trade. It is hoped, however, that common-sense will prevail in the long run, and that another week will not elapse without bringing to a head the present impasse with the result that control will be definitely recognised as no longer useful to the cause of quinine, either from the official point of view or from that of the consumer. Meanwhile, the demand for other salts and preparations is rapidly increasing. Prices continue to evince the same tendency as that indicated in last week's report, that is to say, a slightly rising one.

SAL AMMONIAC.—Makers' prices have been advanced by 5*l.* per ton to 95*l.* per ton for first-quality lump, and 85*l.* for second quality. Ground is 5*l.* per ton more.

SHELLAC has been slightly easier on the spot, with sales of the usual standard TN Orange quality at from 465*s.* to 470*s.* per cwt.; fine Orange is 495*s.* to 500*s.*, cakey AC Garnet 380*s.* to 385*s.*, and GAL 350*s.* Futures show little alteration, sales including December at 457*s.* 6*d.* to 455*s.* to 452*s.* 6*d.* For TN for October-November shipment there are buyers at 450*s.* c.i.f.

TARTARIC ACID is scarce, with a fair spot business up to 3*s.* 3*d.*, but the quotation on Change on Wednesday was 3*s.* 4*d.*

THEOBROMINE.—The pure alkaloid is rather dearer, importers asking 40*s.* and 10*s.* less to come forward.

TURPENTINE shows little change on the week, American closing at 122*s.* per cwt. on the spot.

VALERIAN.—Belgian is cheaper, spot offering at 200*s.* per cwt.

VANILLIN is steady at from 72*s.* 6*d.* to 75*s.* per lb.

WAX, PARAFFIN.—Stocks, particularly of the higher grades, are small, and the spot prices range from 5½*d.* to 9*d.* per lb., according to melting-point.

London Drug-auctions.

London Commercial Sale Rooms,

Mincing Lane, E.C.3, October 23.

A moderate quantity of goods were offered by twelve brokers, and, on the whole, a fair amount was disposed of. Cape aloes were in demand, first advancing 7*s.* per cwt. Sumatra benzoin was steady and in fair request. Cardamoms were slow of sale, but full prices were paid for fine Mysore. Calumba sorts sold at slightly easier rates. Reed dragon's-blood brought extremely high rates; eucalyptus oil sold at firmer prices. Gamboge was 2*l.* per cwt. higher. Honey was quiet and slightly easier. Matto Grosso ipeacuanha was 3*d.* per lb. cheaper, and E.I. was 3*d.* higher than last auction. Kola was steady and Aden myrrh firm. Nux vomica was slow of sale. Inferior and damaged grey Jamaica sarsaparilla sold at comparatively low prices. Good green Timnevelly found ready buyers at irregular but higher rates. Beeswax slow of sale generally, Jamaica selling at steady rates. The following table shows the quantity of goods offered and sold:

	Offered	Sold		Offered	Sold
Ajowan-seed	...	21 ... 0	Honey—		
Aloes—			Australian	...	1003 ... 0
Cape	(cs.)	81 ... 59	Californian	...	200 ... 10
Curacao	(cs.)	59 ... 0	Cuban	...	228 ... 4
Angelic-root	...	20 ... 20	Haitian	...	8 ... 0
Anise	...	10 ... 0	Jamaica	...	653 ... 195
Annatto-seed	...	188 ... 45*	New Zealand	...	2 ... 0
Araroba	(cs.)	6 ... 0	St. Lucia	...	88 ... 8
Areca	...	40 ... 0	San Domingo	...	36 ... 36*
Argol (Cape)	...	74 ... 0	Trinidad	...	4 ... 4
Asbestos	...	1 ... 0	Ipeacuanha—		
Balsam Peru	...	3 ... 0	Cartagena	...	4 ... 0
Benzoin—			East Indian	...	20 ... 10
Palembang	...	30 ... 0	Matto Grosso	...	34 ... 11
Siam	...	35 ... 0	Minas	...	10 ... 0
Sumatra	...	277 ... 79	Kola	...	160 ... 82
Blackhaw-bark	...	27 ... 15	Lemongrass oil	...	20 ... 0
Burdock-root	...	10 ... 0	Liquorice-root	...	88 ... 0
Calabar-beans	...	38 ... 0	Lobelia herb	...	10 ... 10
Calumba	...	264 ... 20	Myrrh	...	166 ... 8
Cannab. ind.	...	142 ... 10*	Nux vomica	...	765 ... 2
Cantharides (Ch.)	...	47 ... 0	Olibanum	...	35 ... 0
Cardamoms	...	693 ... 35	Orange-peel	...	41 ... 10
Caraway-seed	...	25 ... 0	Orris (Mor.)	...	77 ... 0
Cascara sagrada	...	138 ... 0	Papain	...	4 ... 0
Cascarilla	...	20 ... 10	Rhapontica-root	...	49 ... 0
Cashew-nuts	...	25 ... 0	Rhubarb (Ch.)	...	17 ... 0
Castor oil	(cs.)	50 ... 50	Sage, rubbed	...	44 ... 0
Cedarwood oil	(drm.)	1 ... 1	Sarsaparilla—		
Celery-seed	(gr.)	25 ... 0	Grey Jamaica	...	26 ... 10
Chamomiles	...	63 ... 0	Honduras	...	16 ... 12
China-root	...	9 ... 0	Lima	...	47 ... 0
Chiretta (Ind.)	...	55 ... 0	Native Jam.	...	3 ... 3
Cinchona	...	57 ... 41	Sassafras oil	...	2 ... 0
Cinnamon	...	3 ... 0	Scopolia-root	...	5 ... 0
Cinnamon-leaf oil	...	10 ... 10	Senega	...	10 ... 10*
Civet	(hrns.)	6 ... 0	Senega and pods—		
Coca-leaves	...	102 ... 0	Alex.	...	130 ... 0
Cochineal	...	7 ... 0	Timnevelly	...	403 ... 171
Colocynthis	...	10 ... 5	Slippery-elm bark	...	4 ... 4
Cotton-seed	...	25 ... 0	Sticklac	...	137 ... 0
Croton-seed	...	10 ... 10	Storax	...	4 ... 0
Cubeb	...	80 ... 3	Strophanthus	...	60 ... 0
Cuttlefish-bone	...	199 ... 0	Tamarinds—		
Damiana-leaves	...	11 ... 0	East Indian	...	5 ... 0
Dragon's-blood	...	41 ... 24	West Indian	...	78 ... 0
Elecampane-root	...	10 ... 10	Turmeric	...	181 ... 0
Eucalyptus oil	...	65 ... 65	Wax (bees)—		
Euphorbia gum	...	122 ... 0	Abyssinian	...	26 ... 0
Fennel-seed	...	20 ... 0	Aden	...	158 ... 0
Galangal	...	15 ... 15	B-nguela	...	99 ... 0
Gamboge	...	4 ... 4	Chinese	...	30 ... 0
Gentian	...	209 ... 0	East African	...	813 ... 0
Guaiacum	...	5 ... 0	East Indian	...	124 ... 9
Guarana	...	4 ... 0	Jamaica	...	12 ... 12
Gum acacia	...	52 ... 2	Morocco	...	50 ... 0
Gum karaya	...	114 ... 0	Mozambique	...	32 ... 0
Gurjun oil	...	50 ... 0	West Indian	...	2 ... 0
Henbane (Egy.)	...	10 ... 0	Zanzibar	...	83 ... 0

* Sold privately

ALOES.—Cape was in demand, 51 cases being disposed of, firsts selling at an advance of 7s. per cwt. on previous auction rates. Fair to good firsts sold at from 63s. to 64s., good seconds at 61s. 6d., ordinary seconds at 61s., low drossy to dull seconds 57s. to 59s., fair firsts (ullaged) 58s. 6d., loose collected (three cases) 50s. per cwt. A lot of 59 boxes Curaçao offered and bought in: fine liver was limited at 110s., fair dullish at 90s., and capey at 80s.

ANGELICA-ROOT.—Twenty bales were sold at 85s. per cwt., subject to sellers' approval.

ARECA.—A parcel of 40 bags fair, clean, sound Ceylon was held at 95s. per cwt.

BALSAM PERU.—Three cases genuine were offered, for which 17s. was wanted, or 17s. 3d. for single cases.

BENZOLIN.—Sumatra was steady and in good demand, 29 cases good almondy seconds sold at 11l. 5s.; 14 cases fair seconds at 10l. to 10l. 5s.; 13 cases middling seconds went at 9l. 7s. 6d.; and 10 cases good thirds at 7l. 10s.; 17 cases cross-cuts sold at from 8l. 5s. to 6l. 5s. to 6l. 12s. 6d.; 30 cases Palembang were held at 7l. for false-packed broken thirds; and 35 cases Siam were bought in, including small to bold second almonds at 39l., pea and bean size at 36l., and grains in hard block at 20l. per cwt.

BLACK-HAW-BARK.—A lot of 15 packages sea-damaged sold on underwriters' account at 10½d. per lb.; 12 bags of sound were held at 3s. per lb.

BURDOCK-ROOT.—Ten bales fair natural Belgian were limited at 65s. per cwt.

CALUMBA tending easier, twenty bags fair natural sorts selling at 65s. per cwt.

CANNABIS INDICA.—Retail sales of genuine Bombay tops have been made at 20s., with 22s. 6d. asked. A case of middling brownish Bombay tops in auction was held at this price. Fifty bags of loose greenish African offered, of which ten had been sold previously, 3s. being wanted for the remainder.

CANTHARIDES.—Four cases Chinese were limited at 5s. per lb.

CARDAMOMs were slow of sale, the bulk of the offerings comprising unbleached Aleppy character. Fair competition was shown for the bleached Ceylon-Mysore qualities, the sales comprising bold to extra bold good pale smooth at from 7s. 3d. to 7s. 11d., medium to bold pale 6s. 5d. to 7s., small and medium 6s. 2d., and small 4s. 8d. per lb. Ten cases small to medium unbleached Aleppy sold without reserve at 2s. 9d. Seed was held at 3s. to 3s. 3d.

CASCARA SAGRADA.—Thirteen bags fair (1919 import) were retired at 115s. per cwt.

CASCARILLA was cheaper, ten bales of fair leagu quill mixed with stringy sold at 170s. per cwt.

CEDARWOOD OIL.—A single drum of American sold at 1s. 6d. per lb.

CINCHONA.—A lot of 20 bales Loxa quill had been sold privately, a further 11 bales being held for 1s. 9d. for fair thin; 21 cases good bright Java short quill had been sold privately.

CINNAMON LEAF OIL.—Ten cases Ceylon sold at from 6½d. to 7d. per oz., phenols content ranging from 72 to 81 per cent.

COCA-LEAVES.—Of Truxillo, 90 bales lying in Liverpool offered and bought in at 2s. 6d. per lb. for rather broken dull greenish.

COLOCYNTH.—Five cases, very broken, dull Turkey apple, sold without reserve at from 1s. to 1s. 1d., and five cases good pale slightly broken apple were retired at 2s.

CROTON-SEED.—Ten bags offered and five sold at 71s. for good bright Ceylon, but competition drove up the remaining five bags ordinary dark to 73s.

CUBERS.—Three bags of very stalky sold at 30l. per cwt., being firm.

DRAGON'S BLOOD.—Twenty-four cases of *Reed* (not on show at Crutched Friars) sold at from 15l. 7s. 6d. to

16l. 10s. per cwt., and two cases dull Singapore lump sold at 14l. per cwt. subject.

ELECAMPANE-ROOT.—Ten bales of sea-damaged sold without reserve at 2d. to 6½d. per lb.

GALANGAL.—Fifteen bales fair sold at from 90s. to 92s. 6d. per cwt.

GAMBOGE.—Deafar. Four cases of fair Siam pipe offered, of which two had been sold privately, 39l. per cwt. being wanted for the remainder—an advance of 2l. on the previous auction rate; they were afterwards disposed of.

HONEY was slow of sale at easier rates, the sales including Jamaica greyish to polish set at 82s. 6d. to 87s. 6d., brown set and setting 75s. to 80s. Of Californian 200 cases offered, and ten sold at 95s. for amber to pale set, part sugary. Of St. Lucia, eight cases dark amber syrup sold at 79s. Four casks dark amber liquid Trinidad sold at 65s. 228 casks Cuban offered, but were too highly limited to permit of business, 85s. to 90s. being wanted for mostly dark amber liquid. Thirty-six casks San Domingo offered and had been sold privately. 435 cases Australian were limited at from 66s. to 67s. 6d., and 180 cases at 70s.

IPECACUANHA was about 3d. per lb. cheaper, nine bales of fair bright sound to stout selling at 13s. 8d. to 13s. 9d., and water damaged at 13s. 4d. For nine bales of mostly good bright the limit had been raised to 16s. Of a new lot of East Indian 20 bales offered and 10 sold at 12s. 3d. for fair, part greyish, and 12s. 1d. for siftings. Four bales Cartagena were limited at 13s. per lb.

KOLA was steady, six packages West Indian selling at from 6½d. to 7d. per lb.; 40 bags Java had been sold privately, and 36 bags West African quarters sold with good competition at 6d. per lb.

LOBELIA-HERB.—Ten bales of sea-damaged sold without reserve at 1s. 2d. per lb.

MYRRH.—Steady. Seven bags of slightly blocky and dusty Aden sorts sold at 18l., and in another interest a bale of similar quality was disposed of at 18l. also. Three cases ordinary dark sorts were held at 17l., and six cases dark pickings at 13l.

ORANGE PEEL.—Ten cases fair to darkish so-called Maltese strip sold without reserve at 1s. 5d. per lb.

ORRIS.—Two parcels of 77 bags fair bright Mogador were held at from 65s. to 70s. per cwt.

SARSAPARILLA was slow of sale, with an excess of common quality on offer. Twelve bales grey Jamaica were held at 2s. 9d., and 10 bales of inferior to ordinary part wormy and chumpy grey Jamaica sold at from 1s. 9d. to 2s., being fairly cheap. Three bales red Native Jamaica sold at 1s. 6d. per lb. Thirty bales part mouldy Lima-Jamaica were retired at 2s. 6d., and 17 bales common part mouldy Lima were limited at 2s. 5d. At the close of the auction 16 serons Honduras sold at from 4s. to 4s. 3d.

SENEGA.—A parcel of ten bales sea-damaged offered on underwriters' account, and were disposed of privately prior to the auction.

SENNA.—The improved quality of new-crop Tinnevely met with a good demand at irregular but higher prices. Medium to bold sound green Tinnevely leaf sold at 11½d. to 1s. 1d. per lb., first- to third-class sea-damaged ditto at from 11½d. to 10d., and fair bold and medium greenish 8½d. to 9½d., partly subject. Tinnevely *Pods* sold at 5½d. to 4½d. subject. Alexandrian pods were limited at from 1s. to 1s. 3d., as to quality. A lot of 35 bales inferior small to medium partly broken Mecca leaf sold without reserve at from 5½d. to 5¾d.

TAMARINDS.—Five bags ordinary East Indian, just landed, were bought in at 37s. 6d. per cwt., and 63 barrels ordinary stoney West Indian were limited at 47s. 6d.

WAX. BEES, was slow of sale. Jamaica was steady, twelve barrels realising from 11l. 12s. 6d. to 11l. 15s. for fair brown and yellow. Nine bales grey unbleached Calcutta sold at 9l. per cwt. Fair brown Mozambique and Zanzibar block was obtainable at from 9l. to 9l. 5s. 158 packages greyish Aden block were held at 9l.

Arrivals of Drugs, Chemicals, and Allied Produce.

The following arrivals have taken place at the ports named:

London

(October 6 to 10).

Agar-agar (Jp.), 115
Carbon black (N.Y.),
177 cs.
Casein (Austr.), 730
bgs.
Chemical products: not
described (N.Y.), 198 cs.
Acetone (U.S.), 48
drms.
Acetic acid (U.S.),
215 brls.
Alum. sulph. (R'dam), 250 cks.
Ammon. anhyd. (U.S.), 120 cyl.
Ammon. phosph. (N.Y.), 104 cs.
Arsenic acid (Gre.),
1,526 brls.
Boric acid (N.Y.),
1,000 kgs.
Bromides: potash,
(N.Y.) 26 brls.,
(Holl.) 20 cs.
Citric acid (It.), 40
kgs.
Formaldehyde (U.S.),
196 pkgs., 112 brls.
Hexamine (N.Y.), 11
drms.
Hydrog. perox. (N.Y.), 400 pkgs.
Lithium carb. (N.Y.),
4 pkgs.
Mercury, perc. (It.),
50 cs.
Paraldehyde (Can.),
31 cs.
Potass. pruss. (Holl.),
31 cks.
Tartar (It.), 96 kgs.
Tartaric acid (It.),
200 kgs.
Vanillin (N.Y.), 5 cs.
Zinc oxide (N.Y.),
850 brls.
Drugs, crude: leaves
(Fr.), 44 pkgs.;
herbs (Alex.), 14
bls.; roots and
barks (N.Y.), 128
bgs.; barks and
herbs (N.Y.), 53
bgs.
Areca (B'bay), 30
bgs.
Balsams (Canada),
10 cs.
Camphor, (Jp.) 20
cs., (Natal) 14 cs.
Cardamoms, (Cey.)
220 cs., (Cal.)
363 cs., 65 bls.,
(Aden) 70 bgs.
Cascara (N.Y.), 891
bgs.
Cascarilla (N.Y.), 44
bgs.
Chamomiles (Antw.),
10 bls.
Cinchona (Cey.), 26
bgs.
Civet (N.Y.), 13 pkgs.
Cubeb (B'bay), 21
bgs.
Cuttlefish bone
(E.I.), 153 pkgs.
Cod Liver oil (Norw.),
517 brls.
Galangal (Ch.), 25
bls.
Galls (Smyr.), 30 bgs.
Hemlock ext. (Can.),
240 pkgs.
Ipecacuanha (S.S.),
20 bgs.
Kola (W.I.), 161 bgs.
Liquorice-juice (Fr.),
99 cs.
Menthol (Jp.), 25 cs.
Nux vomica (E.I.),
67 bls., 47 bgs.,
1,058 pockets

Oplum, (B'bay) 100
chts., (Smyr.) 28
cs.; orange
Polioyphium root
(Cal.), 28 bgs.
Sarsaparilla (N.Y.),
25 bls.
Senega, (N.Y.) 17
bls., (Can.) 8 bls.
Senna, (Alex.) 350
bls., (N.Y.) 10 bls.,
(Aden) 35 bgs.,
(B'bay) 30 bls.
Turmeric (B'bay),
169 bgs.
Valerian (B'bay), 82
bgs.
Yerba santa (N.Y.),
25 bgs.
Drugs, medicines, etc.:
(N.Y.), 1,299 cs., 49
pkgs.; ammonol
tabs. (N.Y.), 10
boxes; bovine
(N.Y.), 100 cs.;
creme elcay (N.Y.),
39 bgs.; listerine
(N.Y.), 667 cs.;
vanishing cream
(Can.), 1,100 cs.
Dyes, dyeing and tan-
ning materials, etc.:
indigo (E.I.), 12 cs.
9 cts.; myrabolans
(Cal.), 14,086 pockets
610 bgs.; (extract)
900 bgs., (B'bay)
2,085 bgs.; orange
yellow (N.Y.), 15
kgs.; wattle bark
(Natal), 5,350 bls.
Egg products: (Ch.)
not described, 90
pkgs.; albumen
(Ch.), 1,565 cs., 98
cks.; hrls egg, 143
cks., 1,274 cs.; yolk,
4,056 cs., 808 cks.,
460 pkgs.
Gelatin (Fr.), 10 cs.
Glucose (U.S.), 12,021
brls., 8,600 pkgs.
Gums, resins, etc.: gum,
not described, (Fr.)
50 bgs., (B'bay) 28
cs., 388 bgs., (W.
Af.) 11 bgs., (Antw.)
1,450 bgs., (Aden)
111 bgs., (P. Sudan)
9,051 bgs.; copal,
(S.S.) 50 cs., (Fr.)
912 bgs., (Amst.)
152 pkgs.; damar
(S'pore), 427 cs.;
gambier (S'pore),
673 cs.; gamboge
(S'pore), 24 cs.;
karaya (B'bay), 606
bgs.; lac: button
(Cal.), 72 pkgs.; shell
(Cal.), 892 cs.; stick
(S'pore), 153 cs.;
myrrh, (Aden) 47
bgs., (B'bay) 34 bgs.;
olibanum (B'bay), 40
cs.; resin, (U.S.)
4,241 brls., (Fr.) 702
cks.; tragacanth
(B'bay), 21 bgs.
Honey (W.I.), 902 pkgs.
50 cks.
Lead white, (N.Y.)
608 cks., 1,018 kgs.,
(Antw.) 10 cks.
Lime-juice (W.I.), 38
puns.
Molasses (Natal), 296
drms.
Monazite sand (E.I.),
1,000 bgs.
Oils, essential: (Fr.)
7 cs., (Ch.) 25 cs.;
anies, star (Ch.), 70
cs.; cassia (Ch.), 10
cs.; cinnamon (Cey.)
2 cs.; cinnamon
leaf (Cey.), 10 cs.;
lemon (It.), 13 cs.;
lemon-grass (Cochin),
175 cs.; linaloe

(N.Y.), 30 cs., 15
pkgs.; mint (Jp.),
130 cs.; orange
(W.I.), 40 cs.; otto
of rose (Smyr.), 3 cs.;
sandalwood (Cal.),
2 cs.; turpentine
(Swe.) 87 brls., (U.S.)
1,500 brls., (Fr.) 250
cks.
Oils, fixed: not de-
scribed, (Norw.) 20
brls., (Ch.) 50 cs.,
(R'dam) 20 cs., 444
brls.; coconut, (Jp.)
4,000 cs., (Cal.)
11,191 pkgs., (U.S.)
965 brls., (E.I.) 939
cks., 2,240 cs.; cod
liver (Norw.), 50
brls.; cottonseed
(Ch.), 179 drms.;
fish (Jp.), 970 cs.;
ground-nut, (Ch.) 180
brls., 400 cs., (R'dam)
50 cs.; linseed (Cal.),
200 cks.; olive, (Fr.)
37 cs., (It.) 250 brls.;
palm (W. Af.), 47
puns., 1,313 cks.;
rape (Jp.), 400 cs.;
shark (Jp.), 900 cs.;
soya bean (Ch.),
1,324 cks.; tea (Ch.),
510 cs.; wood (Ch.),
355 cks., 160 brls.
Peptone, liquid (N.Y.),
12 brls.
Petroleum jelly (N.Y.),
265 brls.
Potassium (N.Y.), 40
cs.
Seeds: annatto, (W.I.)
20 bgs., (E.I.) 60 bls.;
apricot kernels (Ch.),
413 bgs., 140 pkgs.;
caraway (R'dam), 90
lgs.; cashew nuts
(B'bay), 45 cs.;
copra, (S.S.) 20,399
bgs., (Cey.) 3,595
bgs., (W.I.) 55 bgs.;
coriander (Fr.), 470
bgs.; cotton, (Alex.)
403 tons, (E.I.)
29,246 bgs.; fenu-
greek (Fr.), 989 bgs.;
ground-nuts, (Jp.)
120 bgs., (Aden) 240
bgs., (Ch.) 5,133 bgs.,
(E.I.) 1,332 bgs.;
jamba (E.I.), 191
bgs.; lin. (Jp.) 380
pkgs., (Ch.) 3,410
bgs., (E.I.) 40,974
bgs., (Alex.) 981 bgs.;
mustard (B'bay), 237
bgs.; niger (E.I.),
67 bgs.; palm (W.
Af.), 20,039 bgs.;
rape (Ch.), 140 bgs.;
soya beans (Jp.), 501
bgs.; sunflower
(Natal), 252 bgs.
Spermaceti (N.Y.), 100
bxs.
Spices: cassia buds
(Ch.), 50 cs.; cassia
(Ch.), 5,072 cs.; chil-
lies (Fr.), 13 bls.;
cinnamon, (Cey.) 252
bls., (N.Y.) 157 bls.;
cloves, (Natal) 250
bls., (B'bay) 1,327
bls.; ginger, (B'bay)
1,004 bgs., (W.I.)
237 pkgs., (Aden)
178 bgs.; mace
(Amst.), 111 cs.;
nutmegs (S.S.),
672 cs.; pepper
(E.I.), 2,242 bgs.,
883 pkgs.; pimento
(W.I.), 16,408 bgs.
Starches, etc.: dextrin
(Jp.), 200 bgs.; fa-
rina (Jp.), 2,655 bgs.;
rice (Antw.), 2,000
cs.; wheat (Jp.), 800
bgs.

Tallow (Ch.), 6,509
pkgs.
Wax, not described,
(Alex.) 24 bgs.,
(B'bay) 32 cs.
Wax, bees' (Natal) 94
bgs., (Aden) 11
blocks, (P. Sudan)
468 pkgs., (E.I.) 10
cs.
Wax, candelilla (N.Y.),
64 bgs.
Wax, carnauba (N.Y.),
304 pkgs.
Wax, paraffin (N.Y.),
2,618 brls., 125 pkgs.
2,282 bgs.; (scale)
450 pkgs.

Liverpool

(October 6 to 10).
Almonds (Sic.), 130
bgs., 239 bls., 110 cs.
Boracite (Tky.), 500
tons.
Chemical products:
Argol (Sic.), 33 cks.
Calc. acet. (U.S.),
2,343 bgs.
Nickel oxide (Can.),
10 pcls.
Potashes (Tky.), 200
brls.
Sulphur (Sic.), 3,900
bgs., 67 brls.
Tartar (Port.), 31
cks.
Drugs, crude:
Aloes (Curacao), 50
cs.
Balsams, (Para) 75
cs., (Cristobal) 8
cs.
Cassia fistula (Amst.),
41 bskts.
Coca-leaves (Cris-
tobal), 125 bls.
Condurango (S.
Amer.), 94 bgs.
Copaiba (Curacao),
20 cs.
Ipecacuanha (Car-
tagena), 3 bls.
Juniper terr. (It.),
17 bgs.
Liquorice-juice (It.),
85 cs.
Liquorice root (Sic.),
90 cs.
Quillaia (Chile), 152
bls.
Sarsaparilla (Cristo-
bal), 36 bls.
Squills (Sic.), 32 bgs.

Drugs, medicines, etc.:
not described, (Fr.)
62 cs., (U.S.) 5 cs.
Dyes, dyeing and tan-
ning materials, etc.:
divi-divi (W.I.), 2,176
bgs.; extract, tan-
ning, (Fr.) 111 cks.,
(U.S.) 1,031 bgs.;
hematin (Fr.), 40 cks.;
myrabolans (E.I.),
5,084 pockets; ext.,
2,699 bgs.; valonea
(Smyr.), 1,413 bgs.,
yellow terr. (Tky.),
61 bgs.
Glucose (Can.), 300
brls.
Gums, resins, etc.: not
described (Tky.), 16
bgs.; resin, (Port.)
138 cks., (Fr.) 712
cks.
Oils, essential: (Sic.)
3 cs., (Amst.) 14
pkgs.; lemosu (Sic.),
40 cs.
Oils, fixed: cotton-
seed (W. Af.) 11 cks.,
(U.S.) 700 brls.;
olive (It.), 380 bxs.
Honey (W.I.), 772 brls.
Lingglass (Para), 155 cs.
Perfumery (Fr.), 40
pkgs.
Seeds: beni (W. Af.),
6,216 bgs.; caraway
(Holl.), 100 bls.;
cashew (B'zil), 18
bgs., 2 cts.; cotton,
(B'zil) 10,658 bgs.,
(S. Amer.) 28,772
bgs., (Cal.) 480 bgs.,
(Smyr.) 16 tons;
ground-nuts (W. Af.),
458 bgs.; ivory,
(B'zil), 467 bgs.;
lin (E.I.), 25,916 bgs.;
millet (It.), 25 bgs.;
palm kernels, (W. Af.)
67,723 bgs., (Port.)
1,000 bgs.; poppy
(Cal.), 491 bgs.
Talc, (Can.), 427 bgs.
Wax, not described,
(Para), 869 cs.
Wax, bees' (Chile) 326
cks., (U.S.) 5 cs.

Goole

(October 2 to 3).
Barytes (R'dam), 195
cks.; farina (Holl.),
150 bgs.

Grimshy

(October 6).
Dyes (Antw.), 508 cks.

Hull

(October 2 to 9).
Alcohol (N.Y.), 20
drms.; barytes (N.Y.),
574 brls.; carbon
black (N.Y.), 570
cs.; chamomiles
(Antw.), 5 bls.; glu-
cose (N.Y.), 1,199
brls.; hematin (N.Y.),
12 brls.; olive oil
(Swe.), 100 brls.;
palm oil (W. Af.),
2,889 cks., 302 puns.
10 cks., 331 butts;
phenacetin (N.Y.), 10
kgs.
Seeds: copra (W. Af.),
55 bgs.; cotton
(Alex.), 4,040 tons;
ground-nuts (W. Af.),
26,180 bgs.; lin
(R. Plate), 250,338
bgs.; palm kernels
(W. Af.), 66,904 bgs.,
2,069 tons; turpe-
tine (Swe.), 37 brls.;
vaseline (N.Y.), 550
cs.; wax, paraffin
(N.Y.), 810 brls.;
zinc oxide (Antw.),
40 brls.

Manchester

(October 7 to 9).
Barytes (R'dam), 194
cks.; farina (R'dam),
1,250 bgs.; glucose
(N.Y.), 60 brls.;
phosphorus (Can.),
500 cs.; sulphur
(N.Y.), 44 brls.; zinc
oxide (Antw.), 40
brls.

Neuchaven

(October 4 to 10).
Chemicals (Fr.), 340
pkgs.; drugs (Fr.),
10 pkgs.; gelatin
(Fr.), 45 cs.; per-
fumery (Fr.), 74 pkgs.

Southampton

(October 10).
Bronze powder (N.Y.),
11 cs.; drugs (N.Y.),
6 cs.; olive oil (Fr.),
39 cs.

Japanese Bird-lime.

H.M. Commercial Secretary at Yokohama has furnished the following particulars relative to Japanese bird-lime production: Bird-lime is produced in Japan from the decomposed bark, prepared by soaking in water, of the following trees: *Ilex crenata thunberg*, *Ilex orthera crenata thunberg*, *Ilex latifolia thunberg*, all of which are akin to the common holly. Output is about 15,000 kwamme per annum, principal producing places being Kochi, Mizazaki, and Nara. Export goes principally to United States, having gone to Germany prior to the war. Best grades are brownish in colour, lower grades being more of a black colour. The preparation is chiefly carried out by peasants as a home industry in country districts. (One kwamme = 8.2673 lb.)

German Market Report.

One of the leading Berlin wholesale drug-houses (Brückner, Lampe & Co.) have resumed the publication of their market report, and in their first statement they say that it is extremely difficult to form a clear opinion of the present position of the market in drugs, their future prices, and the general course of business. "We must also in our reports confine ourselves within certain limits, as at the present moment it does not seem opportune to render public, also to foreigners, all that takes place in our branch of commerce." Their further remarks are of the same nature as those made by the already quoted Hamburg firm: the depreciation of the German currency, the general increasing tendency in the prices for all chemicals of German manufacture owing to higher costs of production, and of transport. Drugs in particular command high prices, and very large orders from abroad are coming in. No prices are quoted in this report.



Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

A Nottingham Note.

SIR,—Your last issue contains a paragraph, under the heading "Nottingham," to which we must take strong objections. You state simply and without qualification that Messrs. F. H. Carr, F.I.C., F.C.S., M. Barrowcliff, F.I.C., F.C.S., J. R. Bedford, Dr. Mott, F.R.S., and Dr. Naef, F.C.S., have all resigned their position with Boots Pure Drug Co., Ltd. We consider that such a statement suggests that these gentlemen have left our service at one and the same time; and from it most readers must draw an unfavourable inference. In point of fact, Mr. F. H. Carr entered upon an engagement with us which by effluxion of time will terminate early next year, and his duties are being taken over by Dr. W. J. Bowis, F.I.C., who has been with us for over twenty years. Then, while your reference to Mr. Carr is premature, that to Mr. Barrowcliff is strangely belated. So long ago as March 17 of this year Mr. Barrowcliff wrote as follows:

Dear Sir Jesse, I desire to relinquish my appointment, in order to fulfil an undertaking, now long overdue, to carry out some literary work.

Acting on this request, we arranged that he should be succeeded almost immediately by Dr. Marshall, who had then been on our staff for some considerable time. Dr. Mott was with us temporarily for the purpose of carrying out certain specified research. He remained with us for a few months beyond the term originally arranged, but his work is now ended, and he has left simply by mutual arrangement, with goodwill on both sides, and without any question of resignation arising. Dr. Naef, as will be seen from his accompanying letter, has been released to take up an important appointment, for which his qualifications fit him admirably, with a firm engaged in a class of production quite different from our own. A firm employing as we do, with our allied companies, about 15,000 helpers, must have some hundreds of men occupying important positions, and in this large staff changes must occur at times, even apart from those due to temporary appointments made for specific purposes. The point, however, is that no reader of your paragraph would imagine that the changes in question extended over nine months, or that we were on good terms—as is the case—with the gentlemen mentioned. The effect of your statement is, we consider, misleading and decidedly injurious, and we are impelled to ask you to publish the facts fully and fairly.

Yours faithfully,

p.p. BOOTS PURE DRUG CO., LTD.,

JESSE BOOT,

Managing Director.

Nottingham.

16 Loughborough Road, Nottingham,
October 18, 1919.

Dear Sir Jesse Boot,—I noticed in to-day's issue of THE CHEMIST AND DRUGGIST a paragraph stating that myself and four others had resigned. This conjunction of names may convey to some readers of this paper a wrong impression, and I consider it only fair to you to make my position plain. I am sure you will agree that the relations between us have always been, and are still, of the most friendly nature. On my wishing to take up another appointment in the dye and allied industries the termination of my services was a matter of mutual agreement, and the question of resignation did not occur. If you consider that the paragraph in THE CHEMIST AND DRUGGIST needs an answer you are quite at liberty to make use of this letter.

Yours very faithfully,

(Signed) E. NAEF, D.S.C.

The Price of Iodex.

SIR,—May I trespass upon your space to correct an inaccuracy which appeared in your last issue (p. 58)? Your correspondent enclosing a list of articles, the selling price of which is above the face price, includes Iodex among them. Iodex is retailed at 1s. 3d. per ounce pot, and bears this price on the carton.

Yours sincerely,

A. C. O. WESTON,
For Menley & James, Ltd.

Farringdon Road, London, E.C. 1.

Profiteering Charges.

SIR,—Can nothing be done to protect the honest trader from inconvenience, annoyance, etc., etc., arising from being liable to be summoned by any persons who fancy they have been overcharged. Our local paper this week gave the names of the Profiteering Committee; of the twelve members, excepting builders, two only are tradesmen, one a retired baker, the other a curio dealer. Of the last-named one is hopeful, since his idea of legitimate profit must be high. Recently he purchased an article for 8s., assuring the seller it was of very little value, and now he is asking three guineas for it. The list is led by the name of a local doctor's wife, who came into my shop a short time back and asked the price of liquorice; referring to the British and Colonial Price List, I quoted 3d. an ounce. She retorted, "and I suppose you know it costs 3s. 6d. per pound?" I said, "I know no such thing, madam," and, turning up Evans Lescher's list, showed her that "Solazzi," which I was offering, cost 7s. 3d. per pound. Her ladyship did not seem satisfied with this, and went off, muttering about such things ought to be shown up. What can I now expect but further trouble? Why should we be at the mercy of such people? I notice one leading daily features "Profiteering" largely; cannot one be induced to take sides with, and for the conscientious honest tradesmen, and suggest that the instigators of all abortive prosecutions be forced to give some sum to some approved charity.

Yours truly,

SCOPARIUS. (63/46.)

SIR,—The cases of profiteering quoted in the C. & D., October 18, p. 41, prove a good many things—among them that it is apparently too much to expect that the big corporations will be treated not less drastically than the small retailer. As it is, the pennies and twopences ordered to be restored to their rightful owners would make the subject of a few good comedies. In this way the Profiteering Committees may justify their existence. I suppose we may take it that anything in the nature of a proprietary article is exempt from the penalties of the Act? If the public pays 1s. 3d. for a box of proprietary pills costing the makers twopence (to which is added the cost of the stamp), here surely is a case of profiteering—I mean, of course, *de facto* not *de jure*. But nobody would dream of attacking the large patent-medicine manufacturers; they are too strong. It is much easier, and much better business, to attack the small shopkeeper. I heard the other day of a chemist who was threatened with dire calamities because he sold two rhubarb pills for a penny. His remedy is plain. He must sell, say, eighteen such pills, together with a patent-medicine stamp, for 1s. 3d., and call them "Jones' Infallibles, made only by Jones"! He would be then quite safe. Again, what about proprietaries not made from a secret formula? What about compressed tablets, cod-liver oil, and so forth, sold at double the ordinary prices because they are Somebody's proprietaries, but are not essentially different from the ordinary articles? What is to prevent me from selling castor oil at 1s. an oz., provided I call it "Owen's Unique Castor Oil, the oil that is different, etc."? So also can I take an ordinary soap tablet, hide it in a carefully-worded, artistically-designed wrapper, and sell it for 1s. or 1s. 3d., and the Act won't touch me. . . . I see that as dispensers of medicine we are left outside

the scope of the Act. This means, I take it, that we can charge what we like (or what we can get) for prescriptions. I do hope nobody will try to find out where dispensing ends and trading begins. If a pound of lint is bought in the ordinary way we must charge no more than so much; but if it is a part of a doctor's prescription may we charge so much more? But let us leave this line of argument, it is too dangerous.

Yours faithfully,

Chester.

R. CECIL OWEN.

SIR,—It is interesting to note that Mr. Kirby should have raised the same point as I did in his letter (*C. & D.*, October 18, p. 71), that rate of profit is not the same as amount of profit. Unfortunately, the general public and the profiteering tribunals appear to think differently, for they would judge that if your turnover had doubled owing to increased prices; then your profit, if charged at the same rate as distinct from amount, had doubled also. Therefore, if you made 200% profit before the war, and are now making 400%, or twice the returns, you are profiteering to the extent of 200%, and I think you will find that it will be very hard to persuade them that you are not. On the other hand, it is only just that one should receive an increased return for extra outlay and risk, especially as expenses are doubled at the same time. Then, again, the Tribunals appear to be as anomalous in their decisions as the Military Service ones were; we read that a London tailor was adjudged to have charged a fair price for a suit, whilst one in the North was ordered to return 4% odd on a similar price. The situation is further complicated by the difference in establishment charges; one man may be fortunate in possessing a long lease at a low rental, while another retailer in the same street has to renew his lease at double the amount. Similarly, one man may choose to devote a window to china ornaments at fancy prices and his drugs at a low rate to draw the public; a business in a side street has much lower expenses than one in a main thoroughfare, and in the case of a chemist's business it does not always follow that a main road is the best position. The whole Act is another instance of panic legislation, and will bring annoyance and worry to hundreds of legitimate traders in the endeavour to catch one or two shady ones, whilst leaving the big combines who raise prices all round at the same moment practically untouched.

Yours faithfully,

"A FAIR PROPHECY." (63/68.)

Insurance Dispensing Terms.

SIR,—Your correspondent "Nomen" (*C. & D.*, October 18, p. 72) draws attention to the position which is arising, and which I predicted nearly two years ago would arise, that Panel pharmacists would gradually resign until there are not enough left to carry on an efficient service. "Nomen" states that his Association seriously considers resigning *en bloc* at the end of the present year; and from what I hear from fellow-chemists there are many who will probably do so on their own initiative if the remuneration is not brought up to a reasonable level to meet current conditions. With the increased cost of labour, rates and taxes, repairs, etc., the Panel work is becoming more and more a white elephant, the more so as in most cases the rush of prescriptions comes in the evening, when the counter trade is busiest, and it interferes to a large extent with more remunerative custom. Then, again, we shall shortly be faced with the eight-hour day; and, although the supply of drugs will doubtless be excepted from any early-closing rule, the assistants will have to have their shorter hours of labour, thus entailing increased staff or throwing the onus of the late work on the employer, in which case he will certainly not feel inclined to keep his pharmacy open for Panel patients at the present rates. I am not a believer in direct action, but from past experience it seems patent that the rule of the Government is to ignore the weaker party, and unless we meet them in a take it or leave it attitude, as the Scotch chemists did with regard

to the cost-price tariff, we shall get no consideration at all. As you have pointed out, with the present financial outlook and cry for economy the Government have no money to spare for the establishment of costly dispensaries throughout the country, and the doctors will hardly wish to be bothered with the tiresome details of dispensing when they can obtain a large bonus and much larger capitation fees for the asking. Therefore let us have a postcard resolution from all Panel chemists that they will resign at the end of the current year unless they receive a guarantee that a minimum dispensing fee of 6d. is included in the contract for 1920.

Yours faithfully,

CHAS. HAMUS.

Lending Medicine Bottles.

SIR,—I was pleased to read Mr. Douglas's letter in the *C. & D.*, October 18, p. 72. I entirely agree with him on this vexed question; it should never have been included in our Insurance dispensing contract. It is insulting; a degradation and impertinence to the chemist to tell him he shall be "entitled to charge . . . which sum shall be refunded," etc. The panel patient should provide his own container, or pay for it. Mr. Douglas is not alone in being subject to unpleasantness about this refunding of "deposit" on bottles of doubtful origin. We chemists are spiritless in nearly every matter that concerns our dignity and self-respect. But there are signs abroad, I am pleased to observe, of an awakening. We approach the tables of the most high always cap in hand and an apologetic shuffle of the feet, and sue for our rights *in forma pauperis*. Let our backs stiffen and our voices take a deeper note when we demand recognition as a body of educated men: only then will the powers that be pay heed. I find it increasingly difficult to digest the bleating remarks of some of my brother chemists—remarks that seem in danger of developing into tears. We have many real grievances that call for redress; a sheep-like voice and attitude will avail us nothing. I would rejoice to see some of the united and autocratic spirit of the medical profession infused into our calling, which is despised and rejected of the Government because of our lack of self-assertion and that *esprit de corps* which is so essential an ingredient in the forming of a strong representative body of workers.

A. G. FOSTER, F.C.S., M.P.S.

Bristol.

Printers' Charges.

SIR,—I have lately obtained quotation for slip-labels. The lowest price quoted so far is 4s. per 1,000. Pre-war price for, say, 40,000 was 9d. or 10d. per 1,000. We all know that the cost of materials and labour is up, but I do not think sufficient to justify an increase of 500 per cent. No one objects to pay double pre-war prices, but five times the price for labels is, in my opinion, sheer profiteering. Does any chemist know of a firm of printers who will print slip-labels at a reasonable price?

Yours faithfully,

JOHN DOWTY.

Pershire.

Insurance Drug Supply.

SIR,—With reference to "Xrayser II's" remarks on the supply of malt and oil (*C. & D.*, October 18, p. 55), I would point out that the Panel chemist is only required to supply an article of such quality as required by the tariff list based on the selected wholesale drug list, and there is no obligation as to the container. If the customers require to have a special make, then they must persuade the doctor to state the brand required on the prescription, in which case the chemist will supply the article ordered and mark the net cost on the script, the onus being on the doctor; if the medical man will not do this, then the customer must accept the malt and oil provided by the Committee's tariff or go without. In general, if the Panel pharmacist will pander to the importunate public he precipitates his own punishment.

Yours with apologies,

FOIE DE MORUE (65/8.)

Subscribers' Symposium.

Nasal Catarrh.

May I inquire through your columns if any brother chemist can furnish me with evidence of the success of inoculation for nasal catarrh? I have tried nasal douches of every description without experiencing any relief.—H. A. (64/20).

What is a Tout-bib?

A Paris subscriber (61/2), referring to the letter signed "Speziar Lugiese" under the above heading (*C. & D.*, September 20, p. 71), writes: "Perhaps 'X-rayser II.' or some other philological authority could tell us if this word 'speziar' or 'spezial' comes from the same root as the French 'épicer' (grocer). In the Middle Ages the Parisian 'épiciers' were linked in a common guild or corporation with the apothecaries. The English word 'spicer' is now obsolete, but evidently synonymous. Pharmacist-Major Malméac tells us the Arab native pharmacist is called a 'taleb'; he usually prescribes as well as dispenses, so may be termed indifferently a toutbib or a taleb, of course. Sugar used to be sold by apothecaries—so largely that 'an apothecary without sugar' was a French proverb, expressing lack of the essential. This was in the days when it came from the Mediterranean. In 1319—just 600 years ago—Tomazo Loredano, merchant, of Venice, shipped 50 tons to London, and probably brought down prices 'with a run.'"

Legal Queries.

Salopia (63/56).—ADDRESS ON POISON-LABEL.—Our opinion is that the address on the poison-label should be that of the shop where the scheduled poison was sold, as the object of the requirement is to trace the source of the poison in case of need. The label you send with the addresses of your two shops does not sufficiently meet the case.

I. S. C. (53/70).—(1) TOILET ARTICLES are not liable to medicine-stamp duty so long as references to the cure of diseases are excluded from the label and literature. (2) Opposition to a trade-mark application should be made on form T.M. No. 7 (costs 20s.), which is obtainable at the Patent Office or through any Money Order Office. The opposition should be filed within one month of the advertisement of the application, but the time can be extended at the discretion of the Registrar of Trade-marks.

J. D. (58/41) ordered a barrel of oil on September 9. The oil was invoiced on September 13, but was not delivered until October 14, by which time the price had fallen considerably. Is "J. D." entitled to claim from the suppliers the difference between the price on the date of delivery and the contract price? The customer for whom "J. D." ordered the oil has now bought a barrel elsewhere, and refuses to take delivery from "J. D."; is this refusal justified? ["J. D." is not entitled to the benefit of the fall in price unless the contract provides for payment of the price ruling on date of delivery. It is impossible to say how "J. D." stands in relation to his customer without having a knowledge of the terms upon which the transaction was entered into. In the absence of special conditions, however, it is probable that "J. D." could compel his customer either to accept the barrel of oil or to compensate him for any damage suffered.]

Taxation (54/55) filled up an income-tax return some time ago, giving his annual salary as 260*l.* He has been employed at this salary since February last, when he left the Army after three years' service. While in the Army he was paid 1*l.* 8*s.* a week, less 1*s.* 6*d.* National Health Insurance contribution. Except for six months which he spent at college just before joining the Army, he was employed as an unqualified assistant at 25*s.* a week. He asks if he has to pay income-tax at 3*s.* in the £ on the whole of the 260*l.*, less the statutory abatement, or can he claim to be charged on the average of the three preceding years. [If "Taxation" is in the employment of an individual or of a private firm he is entitled to claim to be assessed on the three years' average. But if he is employed by a limited liability company he has no such legal right. The assessment is then, under Schedule E, on the full salary received within the year. In practice, however, employees of companies other than the chief officials, secretaries, heads of departments, or the like, are allowed the benefit of the average, and "Taxation" ought to ask for it. The rate of the tax would in any event not be 3*s.* in the pound, as his income is earned and is under 500*l.* The proper rate is 2*s.* 6*d.*]

Miscellaneous Inquiries.

W. S. (55/44).—MEDITATED WINE.—We consider that the addition of either miscible liquid extract of kola or a small amount of liquid extract of cinchona, B.P., would best fill your requirements in the preparation of a tonic-medicated wine.

A. B. (63/22).—Passing the Minor examination of the Pharmaceutical Society carries with it no privileges in connection with the examinations of the Institute of Chemistry. You should obtain the syllabus of the Institute's examinations from the Secretary, 30 Russell Square, London, W.C.1.

R. T. (43/59).—PRELIMINARY EXAMINATION.—The obligatory subjects for the pharmaceutical Preliminary are (1) English, (2) arithmetic, (3) geometry, (4) algebra, and there are in addition two optical subjects. Students generally take Latin as one of the obligatory subjects, but, as your apprenticeship states, this is not now compulsory. In the Minor examination candidates are examined in Latin in the subject of prescription reading.

W. H. K. (64/72).—(1) CLEANING OIL PAINTINGS is an art which we described last in the *C. & D.*, January 17, 1914, p. 63. (2) PHOTOGRAPHIC PRINTS, if on gelatino-chloride paper, are glazed by squeezing on plate glass or enamelled iron plates. To prevent the prints sticking to the glass, they are previously soaked in a solution of formalin 1 part, water 9 parts. (3) A LASTING GILT for picture frames cannot be cheap in view of the present cost of gold.

A. E. F. (259/57).—DISCOLOURED SKIN-CREAM.—The cause of the discolouration of which you complain in the tragacanth skin-cream is the metal top. In the case of the sample you sent us the cork lining contributed materially to increase the trouble owing to presence of considerable quantity of cork bark which in the presence of moisture yields some tannin-like product which blackens intensely in contact with the metal. These metal caps are never a success for creams which are not sufficiently thick not to move in the bottle. You would be more successful with a celluloid-covered jar or a bottle with a plain cork. Composite corks can be obtained to fit any size of neck, and would be probably more elegant in appearance than ordinary corks.

E. B. (48/65).—(1) NAIL-POLISHING STONE.—

Putty powder	...	...	3viij.
Carmines	...	...	2j.
Rose geranium oil	...	...	myj.
Neroli oil	...	...	my.

Tricurate together, then make into a mass with glyce. tragacanth, cut into pieces, and dry slowly. (2) PERFUME BRICKS.—The following method of making a violette de Parme brick will show you how these solid perfumes are prepared: Tint plaster of Paris, 10 oz., with aniline violet, and mix with ionone 3*l.*, neroli oil *mx.*, and otto of rose *myj.* Add common salt 3*l.*, make into a cream with water, and cast into moulds to set.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Oct. 15, 1860.

The Obscurities of the Pharmacy Act.

"Nemo" writes: "Never, I should think, was an Act of Parliament passed affecting so many people as the Pharmacy Act of 1863, that was so vague in such a variety of particulars, and so unintelligible to those whom it most closely concerns. Such I am bound to say of it, not from any want of charity, but from stern necessity. Where, I ask, is the chemist, or anyone else, who can give a decided reply to the several important questions that must necessarily arise in the usual routine of our professional life? But should this be so, in so weighty a matter, such vagueness, such extraordinary diversity of opinions, such utter want of knowledge about so short an Act? I grant this year's amendments have enlightened us a little. That chemists are not expected to unravel the mysteries of an Act of Parliament with the same dexterity as barristers, I frankly admit; yet there are many Acts which, if a man of common sense read, he can give a tolerably correct opinion of what is therein conveyed. It is a commonplace remark that no Act of Parliament leaves St. Stephen's that does not allow of a coach and four being driven through its technical labyrinth; but if so, surely the Pharmacy Act would offer little resistance to a still more imposing equipage."

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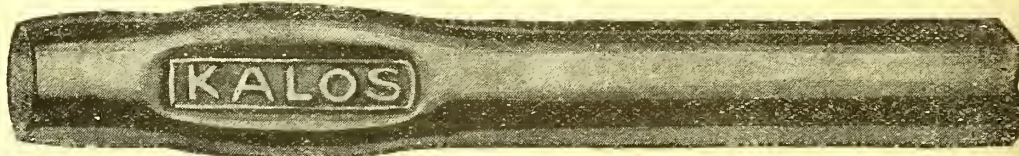
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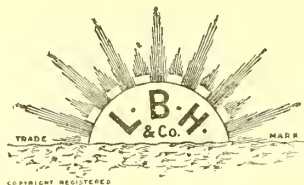
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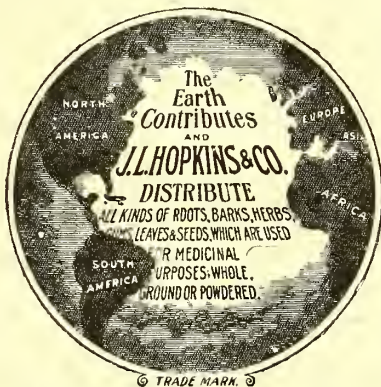
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Offers solicited. Representation and sale
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**ASPIRIN - ACETANILID
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*Special Quotations given C.I.F. British or
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a Compound Syrup of Hypophosphites wrapped in
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All persons are hereby warned that legal proceedings will be taken against any imitators, or persons handling imitations, of *Fellows' Compound Syrup of the Hypophosphites*, and against any infringers of its Trade-Mark Rights.

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We can offer from stock, afloat, and prompt shipment from New York :—

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ASPIRIN TABLETS.

Every tablet guaranteed to contain gr. 5 PURE ASPIRIN, B.P., m p. 135'5, as supplied by us on contract to the Allied Armies.

Packed for the Trade, in unlabelled bottles, as follows :

25's—4/3 per dozen. 50's—7/6 per dozen. 100's—13/6 per dozen.
Bulk, 8/- per 1,000.

(Stock labels supplied if desired.)

ASPIRIN, B.P., superfine quality, 5/6 per lb.

SPECIAL QUOTATIONS FOR QUANTITIES.

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THE KEENE COMPANY

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Quantity.	$\frac{1}{2}$ -grain.	$\frac{1}{3}$ -grain.	$\frac{1}{4}$ -grain.
1 lb. ...	45/-	34/-	27/- per lb.
10,000...	6/6	5/-	4/- per 1000
100's, boxes	8/-	6/-	5/- per doz.
200's, bottles	15/-	—	—

Cash with Order. Registered post paid.

Special quotations to large buyers.

A smart Window Show is sent with £5 orders.

WALTON, Chemist, BATLEY.

SACCHARIN TABLETS

Made from Monsanto Saccharin, each guaranteed to contain $\frac{1}{2}$ -gr. 330 in 1,7,000 to the lb.

1 lb., 50/- 7 lb., @ 48/- 14 lb., @ 46/-

In envelopes each containing 100 @ 9/- per doz.

$\frac{1}{4}$ gr., 1 lb. 27/-, 7 lb. 25/-, 14 lb. 23 -

Cash with Order.

Carriage Paid.

R. GIBBINS & CO. Tablet Manufacturers
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ASPIRIN TABLETS

ENGLISH ASPIRIN ONLY. EACH tablet contains 5 grs. B.P. Aspirin of the well-known make of Pierson, Morrell & Co., Ltd.

25's, 4/6 per doz.

In cartons, 3d. per doz. extra.

An Attractive
and Elegant
Display Box.

100's, 13/6
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H. & T. KIRBY & CO., Ltd., Newman House, Willesden Green, London, N.W. 2
CONTRACTORS TO H.M. WAR OFFICE.



50's, 7/6
per doz.

One or more of
these boxes given
free according to
the requirements
of each order.

1000, 8/6

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FREE ON
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SPECIAL
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A selection of 30 varieties of labels

THE General Chemical Co.

179 Aldersgate Street,
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We are prepared to quote especially low for
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Formalin & Mint Tablets
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Don't wait and see. Write and see.
Samples with pleasure.

Works : QUEEN ST., WIGAN.

ESTABLISHED 1871.

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BRITISH Aspirin Tablets

9/- per 1000

Each tablet contains 5 gr. B.P. Aspirin.
As supplied by us to the Military Hospitals.
Bottles—25s, 4/6; 50s, 8/-; 100s, 14/9.

BRITISH Saccharin Tablets

***3 grain 550 in 1.**

In packets or bottles of 100, 200 or 500, and in
Bulk. Special quotations for quantities.

All drugs are tested, and tablets made in our
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Manufacturing Chemists,
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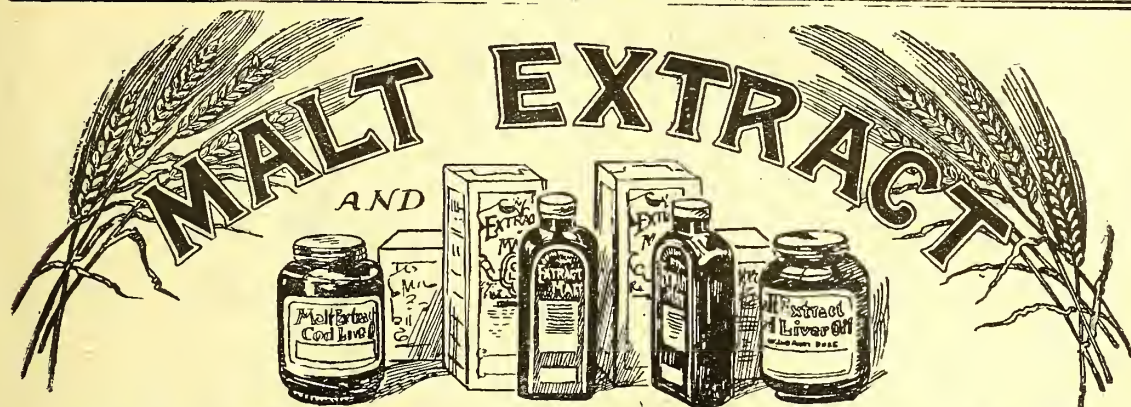
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MALT & COD LIVER OIL

Prepared only from the finest East-Coast Barley, Combined with the best Norwegian Non-Freezing Cod Liver Oil.

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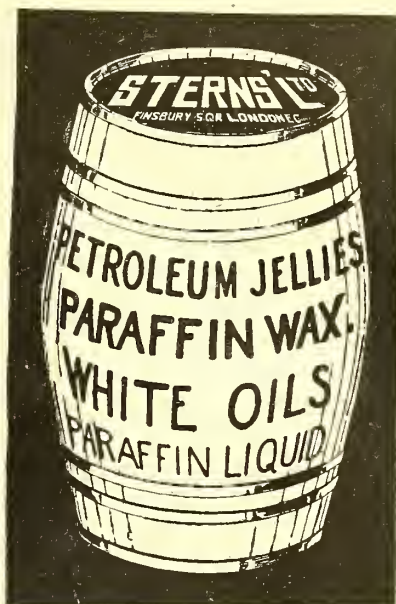
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At your service for
this winter's require-
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Pure Glycerine.

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DISTILLERS OF REINDEER GLYCERINE
BROAD PLAIN, BRISTOL.

Established 1745.

NEW FORMULA "DAISY"

More Profitable than ever!

WHOLESALE PRICES:

1/- Packets, each containing 8 Powders.

	MINIMUM RETAIL, 1/-.	SAMPLE POWDER, 2d.	
1 dozen boxes	- - -	9/9	per dozen.
3 " "	- - -	9/2	" "

2/3 Packets, each containing 20 Powders.

	MINIMUM RETAIL, 2/3.	
1 dozen boxes	- - -	21/6 per dozen.
3 " "	- - -	20/6 "

Daisy Tablets.

	MINIMUM RETAIL, 1/3.	
1 dozen Tins -	- - -	13/- per dozen.
3 " -	- - -	12/6 "

Mixed orders, 1/- and 2/3 Powders and Tablets on best terms.

DISCOUNT, 7½ PER CENT. FOR CASH. CARRIAGE PAID TO DESTINATION.

HUGE ADVERTISING CAMPAIGN NOW IN FULL SWING!

* The New Formula prices allow the same generous proportion of profit as hitherto, except in the case of Tablets, which are now more profitable than before, and of the 2/3 size (late 1/7 size), which now sells at full face value, the chemist getting the advantage of the extra 3d.

ADVERTISING MATTER ON APPLICATION.

FROM ALL WHOLESALERS OR DIRECT

DAISY, LTD., Manufacturing Chemists, **LEEDS.**

Telegrams: "DAISY LEEDS."

Telephone: 22042.

Dr. Cassell's Tablets

AND

Dr. Cassell's Instant Relief

The Manufacturers are pleased to announce that arrangements have now been made whereby the difficulties which have been experienced during the past few months have been overcome. There is now **no shortage** of these lines, and orders for any quantity can be executed immediately.

VENO'S LIGHTNING COUGH CURE

The shortage of bottles seriously affected deliveries last winter, but ample stocks are now in hand, the immediate dispatch of all orders being guaranteed. In view of possible "Transit Delays" customers are strongly urged to **order their winter supplies at once**. Don't run out of stock.

**Minimum Parcels for Direct Delivery to Retailers in the British Isles have been fixed at £10 (assorted).
[Carriage Paid to Destination.**

GOODS ADVERTISED AND SOLD AT FACE VALUE.

PROPRIETORS:

THE VENO DRUG CO. LTD.

Manufacturing Chemists,
MANCHESTER, ENGLAND.

Telegrams: "SEAWEEED MANCHESTER."

Telephone: 422 TRAFFORD PARK.

"YADIL" ANTISEPTIC PREPARATIONS.

Revised Prices to take effect from October 1, 1919.

All previous prices cancelled. New Prices on the P.A.T.A.

LIQUID—

Sizes	2 oz.	6 oz.	20 oz.	40 oz.	80 oz.	160 oz.
Retail ...	2/-	3/6	9/6	17/-	30/-	55/-
Chemists' prices, per doz	17/6	31/-	84	152/-	288/-	528/-

JELLY—

			Sizes	8 oz.	16 oz.
Retail ...	...	...	...	5	8/3
Chemists' prices, per doz.	...	...	...	44/6	73/6

PASTILLES—per Tin, Retail 3/6

ELIXIR—

Sizes	6 oz.	20 oz.	40 oz.	80 oz.	160 oz.
Retail ...	5/-	13/6	25/-	45/-	70/-
Chemists' prices, per doz.	45/-	121/-	223/-	399/-	675/-

OINTMENT—

			Sizes	1 oz.	8 oz.	16 oz.
Retail ...	...	...	...	1/3	8/3	16/-
Chemists' prices, per doz.	...	...	...	11/-	73/6	156/-

Chemists' Prices, per doz. 31/6.

The Liquid, Ointment and Jelly are also put up under Green Labels for Veterinary purposes. Sizes and Prices same as above.

All orders sent by Chemists to Wholesale Houses up to and inclusive of September 25 will be filled by the latter at the old prices. All orders must be sent to Wholesale Firms. No free samples given.

Clement & Johnson, ¹⁹ Sicilian Avenue, London, W.C.1.

The word "Yadil" is registered in all important countries as a Trade Mark for our Trimethenal allylic carbide.

TIDMAN'S SEA SALT

GOOD PROFITS. PROTECTED BY P.A.T.A.

Two Gross "PENNY" Packets sold for 30/- show over 50% Profit on purchase price 21/-, less 2½% delivered.

PRICE LIST.

	Advertised Price Per doz.	Minimum Retail. Per doz.	Wholesale Per gross.
"PENNY" PACKETS (12 in box)	1/6	1/3	10/6
Twopenny Packets (12 in box) ...	2/-	2/-	19/-
Boxes, about 1½ lb. ...	Each. 4d.	Each. 4d.	Per doz. 3/4
" " 3½ " ...	8d.	8d.	6/8
" " 7 " ...	1/2	1/2	11/6
" " 14 " ...	2/-	2/-	20/-

Four 7-lb. Boxes CARRIAGE PAID for 4/-

Six 7-lb. Boxes CARRIAGE PAID at 11/6 per doz.

Assorted Orders to value of 10/-, CARRIAGE PAID, any of above sizes.

No. struck to hold	Each.	Each.	Each. 1 :
Bags of 28 lb. ...	3/6	3/6	3/-
" " 56 " ...	6/6	6/6	5/6
" " 1 cwt. ...	12/-	12/-	10/-

Carriage Paid.

2½% Discount for Cash on all orders of 20/- and upwards.
Packing Cases extra and returnable. Half value allowed if not returned.

TIDMAN & SON, Ltd., London, E. (Members of P.A.T.A.)

Painting Materials

Dealers in these materials are advised to write for complete Price Lists.

WE ARE ACTUAL MANUFACTURERS OF

STIFF & READY-MIXED PAINTS.

"TEXALO" WATER PAINT (in paste form).

"FLINTEX" DRY DISTEMPER (in powder form)

"RAYOLENE" READY-MIXED PAINTS.

VARNISHES, ENAMELS, STAINS, DYES, etc.

Special Lines in Packed Goods and Domestic Preparations.

"RAYOLENE" HOUSEHOLD DYES

For silk, wool, cotton or mixed goods.

No lumps to crush.

No mess. No risk. No trouble.

Supplied in 3d. and 6d. packets.

Shade card and lowest prices on request.

TEXALO MANUFACTURING CO.

Paint and Varnish Manufacturers,

South Shore, Blackpool, Lancs. [1]

"GLOW-WELL"

LINIMENT.

*A name that
suggests what
it does.*



*A Liniment that
does what it
suggests.*

The name, the design of the carton and the showcard, indicate the sensation produced by the Liniment—one of a glowing warmth and well-being.

The price is right—the size is right.

3-oz. panelled bottles cartoned :

1/3 size	-	-	doz.	6-doz.	12-doz.	
			10/6	10/-	9/9	in a/c.

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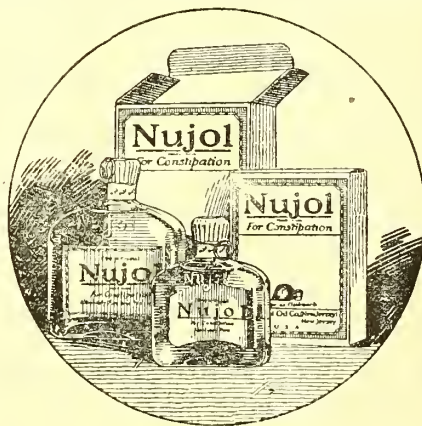
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Offers, also advertising and window
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**CHAPOTEAUT'S
CAPSULES of
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**THE BEST TONIC FOR
FORTIFYING AND BUILDING UP
THE NERVOUS SYSTEM.**

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MORRHUOL DE CHAPOTEAUT
is extracted from cod-liver oil, and
contains all its efficacious proper-
ties without the disagreeable taste.

It cures Coughs, Bronchitis and Catarrh,
restores the appetite, and gives force to
feeble persons.

SOLD BY ALL DRUGGISTS.

CHANDRON'S DROPS

(Gouttes des Colonies)

**A harmless antiseptic
preventative against CHOLERA-
FERMENTATION - INDIGESTION
and other intestinal disturbances.**

SOLD BY ALL CHEMISTS



LONDON AGENTS
HEPPELL & CO., 164, Piccadilly, W.

**ARGENTUM
NUCLEINATE**

1-oz. and 1-lb. bottles.

ASPIRINSUPER P.B. QUALITY.
AND 5-GRAIN
TABLETS
6/6 per 1000.Absolutely
pure and equal to
Cream Tartar 100 %.
MAPLE CREAM
Soda Pyrophosphate
For use in the baking
trade and other
dietetic
purposes**KREMOFOS** $\text{CaH}_4 (\text{P.O}_4)_2$
A British Product equal to
Cream Tartar 98 p.c.
Fully Warranted under
Food and Drugs Acts.**SILVER
PROTEINATE**
(Protargol)
P.G.V.
British MakeCable Address: "SELCOG LONDON." Telephone: 2215 London Wall
ESTABLISHED 1870.**JOHN LORIMER,**
10 CITY ROAD, LONDON, E.C. 1.**STYPTIC
PENCILS**Stop flow of blood at once
Retailed at 6d. & 1/- each
2/6 doz.
From all Sundry
Houses.**ADEPS
LANÆ,**
B.P.
(Lanoline)
Anhydrous and
Hydrous.**VITAGEN**Identical with
Sanatogen in composition,
prices packages, terms, etc.**FORMAMINT**Throat Tablets.
Reliable and Genuine.
15/- Doz. Unstamped
18/- Doz. Stamped**LORIMER'S
SANATOGEN**

Pure and Genuine.

The All-British and Best.

Prices are
3/- size, 24/- doz.
6/- " 42/- "**NARGENTOL**Contains 24% Silver,
with Protein obtained
from Wheat. The most
important and satisfactory
of all Silver Salts.
In 1 oz. and ½ oz.
bottles.**D.D.D.
Prescription****FOR ALL SKIN & SCALP DISEASES**A well-advertised, high-grade preparation, enjoying
a steadily increasing sale. On the P.A.T.A. pro-
tected list, giving the retailer a profit of about 25%.**TRADE PRICES.**D.D.D. Prescription 2/9 bottle, M.R.P. Face Value, @ 25/6
" " 5/- " " " 47/-
In two strengths—Ordinary and Strong.D.D.D. Soap ... 1/- tab. M.R.P. Face Value, @ 8/3
" Shaving Soap ... 1/6 stick " " 13/6
" Vanishing Cream 2/6 jar " " 22/6
" Shampoo Powders 2/6 box " " 22/6

Carriage paid to any part of the United Kingdom.

Showcards, &c., Supplied Free.

D.D.D. Co., Ltd.
3, 5, 7 Fleet Lane, Ludgate Circus, London, E.C. 4**"KO-TAL-KO"****CERTAIN IN RESULTS**
and**CERTAIN IN SALES****THE PUBLIC WANT IT**For strong advertising has taught them its
merits, and practical experience has proven
its claims. "KO-TAL-KO" is the strongest
recommended hair preparation on the market,
and this, in conjunction with my widespread
publicity, is the best of all reasons why**YOU SHOULD STOCK IT.**Apart from quick and ready sales my trade prices
allow of a fair profit to you. "KO-TAL-KO" is
always on the move, never cumbars the shelves
long, and is a business asset of the highest value
for your repeat orders are always warranted.**IT PROFITS EVERYONE.**"KO-TAL-KO" does justice to me, to you
and to the public, and every Chemist and
Druggist should order a supply. :: ::

**ORDERS AND DETAILS
FROM****J. Hart Brittain**
(Dept. C.D.2). LTD.
2 PERCY ST., LONDON, W. 1.**RETAIL
PRICE**
P.A.T.A.5/- Size
12/6 "**TRADE
PRICE**48/- per
doz.
112/6 "

ÉTABLISSEMENTS CHATELAIN,

2 & 2 bis RUE DE VALENCIENNES, PARIS.

Sole Manufacturers of

JUBOLRE-EDUCATION OF THE
INTESTINE.Constipation, Enteritis, Hæmorrhoids,
Indigestion, Skin Blemishes, &c.

Price 5/- per box.

GLOBÉOL

POWERFUL BLOOD TONIC.

Anæmia, Nervous Exhaustion, General
Debility, Tuberculosis Convalescence,
etc.

Price 5/- per bottle.

PAGÉOLPOWERFUL URINARY
ANTISEPTIC.Cystitis, Prostatitis, Catarrh of the
Bladder, Renal Tuberculosis, etc. etc.

Price 5/- and 11/- per box.

JUBOLITOIRES

SCIENTIFIC SUPPOSITORIES

For Hæmorrhoids, Rectitis, Anal Fistula, etc.
Anti-hæmorrhagic, Sedative, De-congesting.

Price 5/- per box.

URODONALPOWERFUL URIC ACID
SOLVENT.Rheumatism, Gout, Arterio-sclerosis,
Stones, Gravel, Sciatica, Neuralgia and
all Uric Acid disorders.

Price 5/- and 12/- per bottle.

VAMIANINENew Scientific Preparation for Chronic
Skin Affections, Psoriasis, Eczema,
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Price 11/- per bottle.

SINUBÉRASESCIENTIFIC PREPARATION OF
LACTIC FERMENTS.Indicated in Intestinal Disorders,
Dysentery, Diarrhoea, Dyspepsia, Enteritis,
Typhoid, Skin Eruptions, etc., etc.

Price 5/- per bottle.

FANDORINEMetrorrhagia, Dysmenorrhœa and Lactation,
Pains, etc. etc.

Price 5/- and 11/- per bottle.

GYRALDOSE.

Antiseptic for local Gynecological use.

Price 4/- per box (powder)
" 5/- " (tablets)**FILUDINE**

SPECIFIC FOR THE LIVER.

Malaria, Diabetes, Cirrhosis, Sluggish
Liver, Tuberculosis, etc.

Price 11/- per bottle.

*Heppells*BRITISH AND COLONIAL AGENTS—
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Telegrams: "URODONAL LONDON."

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AUSTRALIAN AGENT: Mr. BASIL KING, Malcolm Buildings, Sydney, N.S.W.

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Stocked by all Wholesalers.

Now being largely advertised.

NOSTROLINE

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N379.

NASAL SPECIFIC

Look to your Stock!Place orders without delay
direct or through Wholesale.

Protected at face value, 1/3

Price: 1 doz. 11/9, 3 doz. 33/9, 1 gross 135/-

Carriage Paid. Terms: Cash Net.

**"NOSTROLINE"**
Prevents and Cures
COLD IN THE HEAD,
NASAL CATARRH,
HAY FEVER ETC.
Protects against Infection.OVERSEAS
CORRESPONDENCE
INVITEDHAROLD E. MATTHEWS & CO.
CLIFTON, BRISTOL.**GOOD NEWS!**The Trade will be pleased to hear that the restrictions
on cardboard having been removed, we are once again
supplying**FUMO-TARACINE**in cartons complete with **FREE VAPORISER,**
ANDthat we have greatly improved the packing, making this
valuable preparation one of the most attractively packed
on the market.**OUR NEW SHOWCARD**is claimed to be the most striking ever supplied to the
Trade. If you have not laid in a new stock, send us
your order **NOW.****SHOW MATTER WILL BE SENT WITH GOODS.**Recommended by the Medical Profession for the treatment of
INFLUENZA**ASTHMA****MEASLES****WHOOPING COUGH****SCARLET FEVER****AND ALL THROAT AND CHEST COMPLAINTS.****CATARRH****SORE THROAT****BRONCHITIS****SPASMODIC CROUP**

2 oz. 1/4 1/2 4 oz. 2/3 16 oz. 6/3

Inclusive of Free Vaporiser.**SPECIALLY EXEMPTED from PATENT DUTY STAMP**

Obtainable from all Wholesalers or from the Manufacturers

THE COAL BY-PRODUCTS CO.,
112 High Holborn, London, W.C.1.

ALL CHEMISTS
SHOULD STOCK**ABDINE**

THE GOLD MEDAL FRUIT DRINK.

Quick Seller. Big Profits. Over 40 Years' Reputation.
"Abdine" is the most popular Health Drink, superior to all Mineral Waters. Sold in Packets, 11d. each; Boxes of 13 packets, 1/6.

Wholesale Prices on application. Sample Box 1/6.

D. M'GLASHAN, M.P.S., Abdine Works, Westfield Road, EDINBURGH

CHELTINE FOODS CO., CHELTENHAM.

DIABETESFLOUR, BREAD, BISCUITS, FOOD, RUSKS, COCOA, Etc.
Also Foods for Anemic, Dyspeptic, Invalid and Aged People
and Infants. Highly recommended by Medical Profession.

INFANTS' FOODS packed under Chemists' "OWN NAMES."

Terms and all particulars on request.

Never be without

**ZI-ZI
OINTMENT**

On the P.A.T.A.

The genuine remedy for
ECZEMA, CUTS, BRUISES, SORES, BURNS,
PILES, PIMPLES, BAD LEGS, SORES on
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TROUBLES.

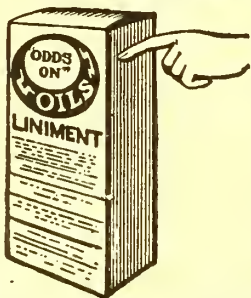
Liberal Terms to the Trade.

Apply to your Wholesaler or to

The "ZI-ZI" CO., Newmarket.

Advertising matter free on request.

RAPIDLY INCREASING DEMAND FOR

**"ODDS ON" OILS**

Liniment for RHEUMATISM, SCIATICA, SPRAINS, &c:

WIDELY ADVERTISED. Retail Prices: 1/3, 3/- & 8/- bottles

Obtainable from all Distributing Chemists or direct.

The "ODDS ON" SPECIFICS CO., LD., 36-37 Cock Lane, LONDON, E.C.

100% PROFITS

THE RED BAND CHEMICAL CO.

RICHMOND TERRACE, DALRY ROAD.

EDINBURGH.

PER 29/- GROSS.

1 DOZ BONUS.

PER 50/- GROSS.

ARE YOU AFRAIDTO TACKLE YOUR BREAKFAST,
DINNER OR TEA?**DONT! JUST TUCK IN!**

THEN HAVE A GORE OF

**BISMUTHATED
MAGNESIA**PER 4^{1d.}
2 BOXGET A BOX AT ONCE AND
EAT WHAT YOU LIKE.MANY HAVE BENEFITED.
WHY NOT YOU?

ENJOY YOUR FOOD! EAT WHAT YOU LIKE!

**"RED BAND"
BISMUTHATED
MAGNESIA**PER 4^{1d.}
2 BOX

IN THE BOX WITH THE RED BAND



ENJOY YOUR FOOD! EAT WHAT YOU LIKE!

**"RED BAND"
BISMUTHATED
MAGNESIA**PER 7^{1d.}
2 BOX

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STOVAINE

THE LEAST TOXIC OF LOCAL ANÆSTHETICS
USED IN THE SAME WAY AND AS EFFICACIOUS AS COCAINE

Does not create a habit and does not give rise to headaches,
nausea, vertigo or syncope. :: :: *Literature on demand.*

NO HOME OFFICE LICENSE REQUIRED

Cheaper than Novocain and Benzocain and obtainable promptly
in practically unlimited quantities from the manufacturers :

LES ETABLISSEMENTS POULENC FRÈRES
— 92, RUE VIEILLE DU TEMPLE, PARIS. —

"Shurekure" Chilblain Pencil.

It's worth your while to stock it.

Pleases your Customers. Gives you a big Profit.

R. H. ALLEN & CO., *Manufacturing Chemists,*
122/124 Wells Rd., Sydenham, London, S.E.26.

LIQUID BARKOLA COMPOUND

Wholesale 26/- per doz.,
less 10 & 5%. Retail 2/9 each.

Each bottle (1 oz.) carries instructions to the chemist
to make up to the following Standard Formula—

Liq. Barkola Comp., 1 oz.; Tincture of
Gentian, 1 oz.; Syrup of Rhubarb, 1 oz.;
Syrup of Ginger, 5 oz.

Chemists charge according to their own scale for dispensing

THE BARKOLA CO., LTD.,
42 Great Dover St., LONDON, S.E.1.

Proprietors of Barkola Alvexo, Barkola Balm, &c. &c.

Kay's Compound Essence of Linseed,

"LINSEED COMPOUND"

(Regd. Trade Mark).

For COUGHS and COLDS.

On the P.A.T.A. List.

"KAY'S TIC PILLS."

"MOUNTAIN FLAX PILLS"

Linum Catharticum (Regd. Trade Mark).

"COAGULINE" & "TENASITINE"
CEMENTS.

"ORBITE"

Banding Material for Fruit Trees.

**BIRDLIMES, RATLIMES, and
FLYGUMS.**

Sole Makers :—

KAY BROTHERS LTD.,
STOCKPORT.



A HEALING CREAM **Mentholatum**

Ample stocks always on hand.

P.A.T.A. PRICES.

1/3 size - - 11/6 per dozen.
2/6 „ - - 23/- „ „

Less 5 per cent. on 6 doz. orders.

Special Terms for Window and Counter Displays.

Over 10 million pots sold last year.

THE...

Mentholatum Company

329 HIGH HOLBORN, LONDON, W.C. 1.

46 % Profit

A good return of profit on a widely advertised article is assured to all Chemists who stock

Chocoloids

The Cure for Constipation

Chocoloids are supplied to the retailer in two sizes—at 12/- and 24/- per dozen. With each dozen small size is given FREE two small tins, and with each half-dozen large size one large tin. Retail price 1/3 and 2/6 respectively.

Chocoloids Advertising is National.

Daily and weekly newspapers, weekly and monthly periodicals all carry Chocoloids advertising to the extent of over ten million copies per month. Chocoloids are already sold when you exhibit our showcard.

Send an order to-day. Show material supplied free.

The Chocoloid Co.,
Stirchley Laboratories - Birmingham.

“Ichthyol”

The German product equalled, if not excelled, by “ITTIOLO,” manufactured from the ichthyolitic shales of GIFFONI VALLEPIANA, has been brought to the notice of all medical men in this Country Italy, France and America.

Manufactured by the
SOCIETA INDUSTRIE CHIMICHE “ITTIOLO”
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Analyses, pamphlets and prices on application to Sole Agent in the U.K. :

PAUL BEHREND
(of HAVRE)

**4 ADRIA ROAD, DIDSBURY,
MANCHESTER.**

*Every Sale of
SANAGEN
leads to
other
Sales*



50% Profit

AWARDED GOLD MEDAL AT INTERNATIONAL
MEDICAL CONGRESS, LONDON 1913.

Sanagen

Trade Mark Regd.

THE ALWAYS BRITISH NERVE FOOD

provides 50 % profit—as shown by the following Trade & Selling Prices:

SIZES						SELLING PRICES	
2 oz.	2/-	
4 oz.	3/-	
8 oz.	5/-	
16 oz.	9/6	
						19/6	
33 $\frac{1}{3}$ % Trade Discount						6/6	
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FREE AIDS TO SALES AND PROFITS

WRITE for Free Literature, Booklets, Showcards, etc. With £5 Orders Free Prescription Envelopes (150), bearing Chemist's own name and address, and Weight Cards.

OUR PRESS ADVERTISING ALSO HELPS YOU

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Saint-Raphael

**Tonic, Restorative,
Digestive Wine.**

**Known throughout the World,
and prescribed in all cases of
ANÆMIA, DEBILITY, and CON-
VALESCENCE, to Young Women,
Children and the Aged.**

DOSE: One Wine-glass after the
two principal Meals.

Recommended by—
PROF. BOUCHARDAT, Professor of Hy-
giene, Paris Faculty of Medicine.
DR. MACNAUGHTON JONES, London,
England.

"For more than thirty years St. Raphaël Wine has been
exclusively prescribed, with success, in the Paris hospitals
as a pure tonic, by eminent physicians, such as Magendie,
Rostan Chomel, Velpéau, Requin, Monneret, Trouseau,
Grisolle, Laënnec, &c."—*Union Médicale*, May 8 and
June 12, 1873.

"The 'Vin de St. Raphaël' is often used for ladies
nursing their own children; it is preferable to stout, which
creates an unhealthy fat."—*The Lancet*, London, England.

"St. Raphaël Wine is most precious in all cases where
it is necessary to give tone to the system, without effort
or shock."—DR. C. DES BARRES.

**Cie du VIN SAINT RAPHAEL, Valence, Drome,
FRANCE.**

**To be obtained from all
Wholesale Druggists.**



WINOX Wine Food

is a high-class Pharma-
ceutical preparation
containing all the food
elements of Wine,
Meat, Malt and Un-
fermented Grape Juice

(Wine Licence Required)

Unsurpassable for In-
fluenza; invaluable for
Anæmia, Lassitude, Neu-
ralgia, Nerve and kindred
troubles.

Winox will stand any
climate, and contains no
harmful drugs.

Price 5/6 per bottle retail.
Chemists who do not already
stock Winox should apply
for price to WINOX LTD.,
Richmond, Surrey.

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. [Wholesale only]
London Agent: JAMES STIRTON, 43 GREAT TOWER STREET, E.C.3.

Telephone: 138 Pendleton. ESTABLISHED 1855. Telegraphic Add.: "Champagne Manchester."

B. ROBINSON & CO., Ltd.

PENDLETON, MANCHESTER.

CONCENTRATED WATERS

Aqua Amygd. Amar. Conc. (U.S.)

" Anethi Concent.

" Anisi "

" Camphoræ "

" Caryophyl "

" Carui "

" Cinnam. Ver. Conc.

Aqua Cassiæ Conc.

" Flor. Aurant. Conc.

" Sambuci Conc.

" Fœniculi Conc.

" Menth. Pip. Conc.

" " Ang. Conc.

" " Virid. Conc.

Aqua Pimentæ Conc.

" Pulegii "

" Rosmarini "

" Rosæ "

" " Virgin Conc.

WHOLESALE TERMS ON APPLICATION.

Robinson's Concentrated Waters are stocked by all the best known Drug Houses. Chemists are
advised to get into direct communication should they experience difficulty in obtaining them.
They are unsurpassed by any other make.

STANDARDISED Customs drawback on Export Orders now allowed. Inquiries solicited, which shall have
TO B.P. 1914. prompt attention. Samples Free to the Trade.

NOTE.—These ORIGINAL Concentrated Medicinal Waters (1-40) still maintain their foremost position.
REFUSE ALL SUBSTITUTIONS OR IMITATIONS.

HELP YOURSELF

to your share of the business by supplying IDRIS Lemon Squash and IDRIS Lime Juice Cordial. Our big publicity campaign is having the desired effect in assisting sales wherever these beverages—fresh, healthful, and of delicious flavour—are stocked. Remember the name IDRIS guarantees the quality.

Terms, etc., on application.

Communications to the
Sales Manager, Dept. K. 2.
IDRIS & CO., Ltd.,
Camden Town, LONDON, N.W.1.

"Prana" SPARKLETS

"B" & "C" Bulbs
can now be sent
promptly on receipt
of order.

"C" Bulbs may be used
instead of "D" Bulbs without
any alteration to the Syphon.

PRICES.	Trade doz. boxes	Retail (P.A.T.A.) each
"C" Bulbs (box of 12) ...	33/-	3 6
"B" Bulbs " " ...	22/-	2 4

Aerators, Ltd., Edmonton, N. 18



From the
Heart
of the
Malvern
Hills.

BURROW'S MALVERN TABLE WATERS

—STILL AND SPARKLING—
have long been celebrated for their
curative properties in Rheumatism,
Gout, Scrofula, affections of the Liver
and Kidneys, etc., and their medical
use is calculated to prevent the
formation of morbid concretions and
defects.

Full Particulars and Trade Terms from
W. & J. Burrow, Ltd., The Springs Malvern.
Temporary London Offices: 5 Norfolk Mews,
Paddington.

Phone: Padd. 1810.



GOLD SEAL BLOOD WINE

(Vin Ferri Citratis, B.P.)

A really valuable tonic, pleasing
to the palate. Can be sold by
all registered Chemists, (with or
without Wine License) at any
time of the day; Licensed
Grocers and Wine Merchants
can only sell during the hours
permitted for the sale of Wines.

42/- per doz. bottles. Retail 4/6
23/- " " " " " 2/6

HAWORTH & AIREY,
Wine Shippers, BURY, LANCS.

LOFTHOUSE & SALTMER, Ltd.

Wholesale and Export Drug Merchants,
Manufacturing Chemists—

HULL.

INVITE the Trade to take up the following valuable
P.A.T.A. Protected Lines, bearing a large Pro-
tected Retail Profit, which sell freely and are
well known and valued by the Public in many parts
of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net.
* LOSALL'S SALT (well advertised), tins	10d.	7/-
* " " " " " "	1/7	13/6
* " " " " " bottles in " " " " " cartons	2/-	18/-

Losall's Salt sells so well, surely it
must pay Pharmacists to stock such
a big profit-bearing protected line.

LOSALL'S COMPOUND SULPHUR SOAP.

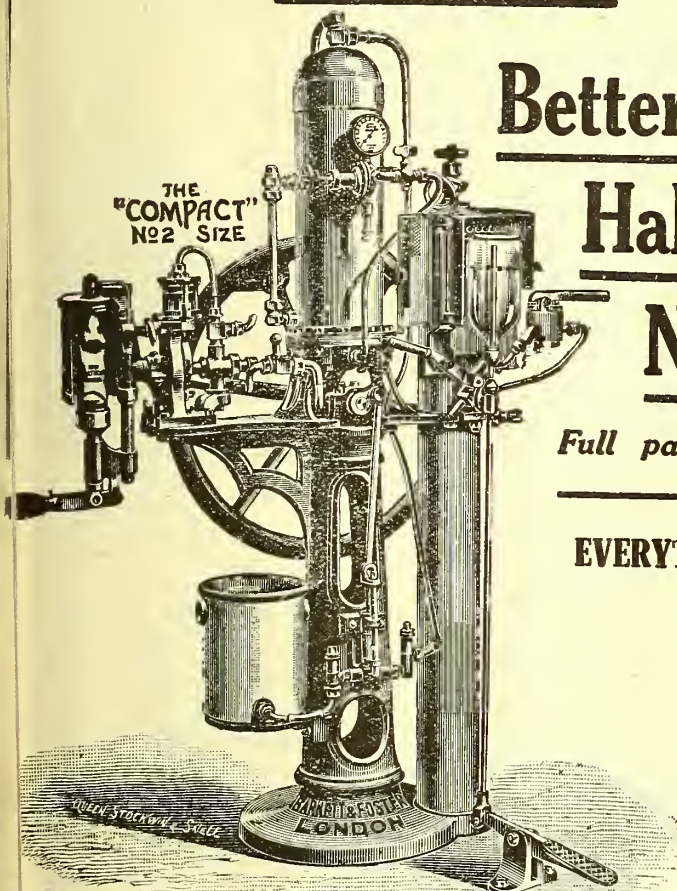
	Box.	Doz.
A valuable emollient medicated skin soap, especially suitable for use in Eczema. 3 Tablets in a box at 9d. each tablet.	2/3	21/-

Fill your Syphons at 120 lbs. Pressure

Better Waters
Half Usual Cost
No Breakage

Full particulars on application.

EVERYTHING FOR BOTTLING.



We supply every machine, article and appliance needed for the manufacture of aerated waters. Our lists, including the "Red Club" monthly price list of Soluble and Fruit Essences, Essential Oils, Mineral Water Salts, Colourings, Chemicals, and Drugs, posted free anywhere.

We are also makers of the "London" Syphons, and can supply from Stock.

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ENGINEERS

(Proprietors of GALLOWAY BROTHERS),

(Dept. N 2) Niagara Works, London, N. 1.

And at BOLTON, LANCs.

Telegrams: "Drinks London."

No. 265.

"Soda Bolton."

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Bolton 545.

BRAND'S ESSENCES OF BEEF, MUTTON and CHICKEN

possess great nutritive and restorative powers, being immediately digested and absorbed by the stomach. Although effective stimulants in physical and mental exhaustion, they contain no wine or other deleterious admixture.

BRAND & Co., Ltd., MAYFAIR WORKS, VAUXHALL, LONDON, S.W.



**LIQ. SANTAL FLAV.
C. BUCHU et CUBEBA**

(Hewlett's)

Packed for dispensing only,
in 10, 22, 40 & 90 oz. bottles.

"Experience has shown this preparation to possess the same efficacy as Santal Oil itself. It mixes clear with water, and has a taste by no means disagreeable."

The Practitioner.

VIROPHOS
TRADE MARK

Of proved utility in Nervous Diseases, and a powerful Restorative for the Digestive Organs and Nervous System.

A Valuable Tonic Food for Children.

"It is of high nutritive value enhanced by the presence of assimilable phosphates."—*The Lancet.*

WHOLESALE PRICES.

No. 1.	1½ oz. Tin ...	9/- per doz.
" 2.	3½ " " " "	14/6 "
" 3.	6½ " " " "	24/- "
" 4.	12 " " " "	42/- "

**MIST. PEPSINÆ CO.
C. BISMUTHO**

(Hewlett's)

Packed for dispensing only,
in 10, 22, 40 and 90 oz. bottles.

"Obviously likely to be of much advantage in the frequent cases of irritative dyspepsia, with atony of gastric or intestinal muscular layers."

British Medical Journal.



Introduced and Prepared only by C. J. HEWLETT & SON, Ltd., Wholesale Druggists, 35-42 Charlotte St., London, E.C. 2.

THE MOST ECONOMICAL INFANTS' FOOD.

TRADE MARK "6"

FRAME FOOD

ON P.A.T.A. LIST. SHOWCARDS FREE.

FRAME FOOD CO., Standen Road, Southfields, London.

**Do You Sell
Sister Luras Food ?**



The question is often asked nowadays. The Chemist who does not stock Sister Luras Food is missing a good line.

Sister Luras Food is achieving great success as a preparation for weakly babes and for invalids and the aged.

It makes milk digestible and is invaluable in cases of malnutrition.

It is a thoroughly reliable line and one that brings a handsome return.

Price 1/- & 2/6 per tin. Samples and advertising matter free on application.
SISTER LURAS INFANT FOOD CO., Ltd., 156 Vincent Street, GLASGOW.

NALBOROUGH & SONS, Ltd.

HARWICH, ESSEX, ENGLAND,
and HOORN, HOLLAND.

**DUTCH
CARAWAY SEED**

Osmos

The Great British Aperient Water

Osmos is the only water known to be identical in composition and osmotic properties with the alien water Hunyadi Janos.

Osmos is highly recommended by the Medical Profession.
Osmos is steadily advertised in the Press.
Osmos is on the P.A.T.A. list and yields a fair profit.

Terms on Application.

Osmos, Crown Wharf, Hayes, Middlesex

P.A.T.A.

CURACEA

REGD.

SPECIAL PRICES FOR
IRELAND

LIQUID NERVE TONIC

ALL ORDERS
CARRIAGE PAID

11/- per doz.—SELLS AT 1/3 ea.

24/- " " " " 2/9 "

45/- " " " " 5/- "

Orders

Executed

per Return.

2½% discount on 45/- parcels, cash with order. Attractive showcards and counter bills.
CURACEA CO., ELM GROVE, LONDON, S.E. 15.

Vinum Xericum

BUTTS.
108 galls.

HOGSHEADS.
54 galls.

QR. CASKS.
27 galls.

STRENGTH 17°

James V. Oldham

19 St. Dunstan's Hill, London, E.C. 3.

Telephone : Avenue 3013.

CHELTINE MILK & MALTED FOODS

No. 1, from birth to five months.

No. 2, from five months onwards.

No. 3, for Invalids, Dyspeptics, the aged,

and those with enfeebled digestions.

Experience is proving, and medical men are testifying to the value of these perfect Foods.

Terms and full particulars from

THE CHELTINE FOODS CO., CHELTENHAM.

COLONIAL ICE CREAM POWDER

131/- cwt. F.O.R.

Custard
Egg
Baking

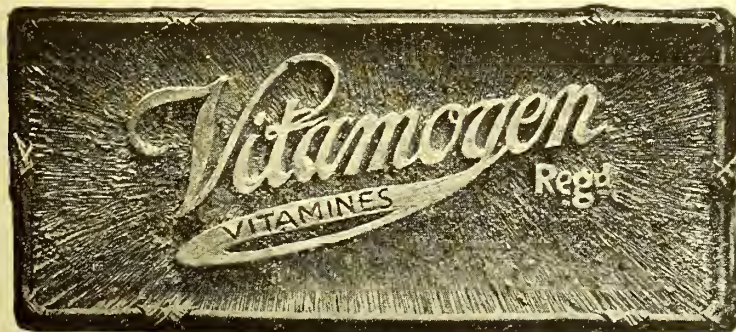
Powders

in large
1½d. Packets.

12 - per Gross. (c.w.o.)

From :

Geo. J. Taylor & Co., Ltd., Manufacturing Druggists,
384 London Road, SHEFFIELD.



VITAMOGEN contains the essential Vitamines in an active and concentrated form. VITAMOGEN is in itself a food of the highest potency, rationally concentrated according to approved scientific methods. It is rich in organic, i.e. assimilable Phosphorus, and the proportion of nutritive constituents is well balanced to meet the physiological needs of the organism.

VITAMOGEN stands alone as a means of supplying the Vitamines—an entirely new food element.

VITAMOGEN is packed in two sizes, 2/9 and 5/9, obtainable from all the principal wholesale houses.

VITAMOGEN owes its origin to our Chairman, who, 20 years ago, invented Virol, the well-known Invalids' Food.

24 HOLBORN,
LONDON, E.C. 1.

Vitamogen
LTD.



Business built on quality
is the most substantial.

THE
Silvertown

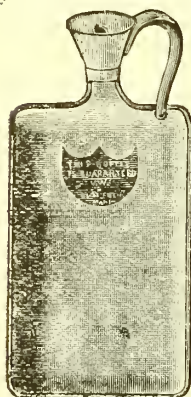
HOT WATER BOTTLE
is the product of over 60 years'
experience of rubber manufacture

Please send us your inquiries.

The India Rubber, Gutta Percha & Te'legraph Works
(The Silvertown Company) Co. Ltd

HEAD OFFICE:
106 Cannon Street, London, E.C.4.

WORKS:
Silvertown, London, E. 16.



VINCENT WOOD'S

(GOLD MEDAL, GUARANTEED)

Hot Water Bottles

6 6lb. 12 x 8 weighs under 13 oz.

Covers for same, assorted sizes, 21/- doz.

**BELTS TRUSSES
SUSPENSORIES
& Surgical Appliances**

AT LOWEST CURRENT RATES

91 & 93 Newing'on Causeway,
London, S.E. 1.

"CORRUGATED"
ROLLS AND BOXES (Collapsible)

Cut Pieces. Cartons for Packing. Waxed Papers.
Greaseproof Papers. Waxed Corrugated. Tinted
Corrugated. Strong "Outers."

Complete Packing Schemes. Keenest Prices.
Inquiries Welcomed.

IMPORTANT. Address all letters to:
I. M. RICHARDSON, Manager,
GUILDHALL CORRUGATED PACKING MATERIALS CO.
Guildhall Buildings, Navigation Street, **Birmingham.**

RELIANCE



**Moulded-Seamless
Hot Water Bottle**

The big profit maker and the most
beautifully finished and attractive
piece of Rubberware made.

It is moulded in one piece, without
seam or join; has no uncomfortable
rigid side flanges; has a larger
capacity than any other bottle of its
size; and has the original patent
oval safety neckpiece, which never
leaks. Handsome maroon colour.

If you have not yet sold this bottle, write for samples
and copies of "Rubberware Sales" Reliance Bulletin
Sales Service, which will assist you to increase your
sales.

Reliance Moulded-Seamless, price	7/6	each	retail.
Reliance De Luxe	10/6	"	"
Reliance Baby De Luxe	4/6	"	"

These are the best and fastest selling bottles in the
trade. Ladies buy them before all others. Don't fail
to see samples at once.

RELIANCE RUBBER COMPANY

LIMITED
212-213 Upper Thames Street London, E.C. 4.
Telephone City 2391 (Two Lines) Telegrams Doro-top Cent London.

The
“Ronoleke”
 (Regd.)

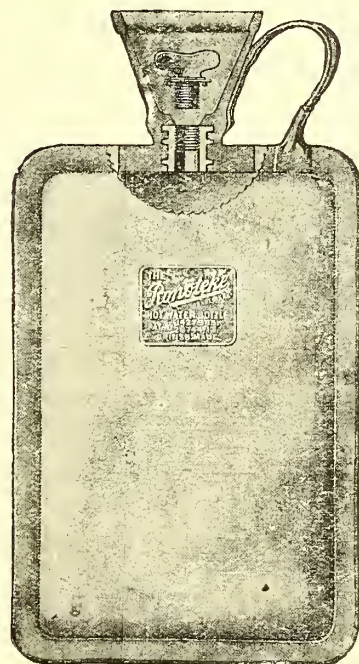
is First Choice
 with
 Discerning
 Chemists

Hot Water Bottle

The demand for this well-known guaranteed unbreakable Hot Water Bottle is enormous and the profits in pushing its sales are really worth while.

The manufacturers are now free to concentrate on its manufacture, and they can definitely promise prompt supplies to chemists who apply **NOW** through their usual wholesale house.

The Winter Hot Water Bottle trade is here now, and a good supply of “Ronoleke” bottles will enable you to make good profits quickly off this well-known bottle.



Prices of the “Ronoleke” Hot Water Bottle

PROTECTED ON THE P.A.T.A. LIST

Size	Minimum Wholesale Prices to Retailers	Minimum Retail Prices to Public
6×8	4/6	6/9
6×10	4/10	7/3
7×10	5/-	7/6
6×12	5/2	7/9
8×10	5/6	8/3
7×12	5/8	8/6
6×14	5/8	8/6
8×12	6/2	9/3
9×12	6/7	9/11
8×14	6/8	10/-
10×12	7/-	10/6
10×14	7/11	11/11
10×16	8/6	12/9
12×16	9/2	13/9

Apply for your Supply through your Wholesale House.

A. DE ST. DALMAS & CO.

LTD.

*Contractors to
His Majesty's Government.***LEICESTER.***(Established 1828.)*


—MANUFACTURERS OF—

MEDICAL PLASTERS**Spread Plasters.** Adhesive, Belladonna, Soap Cerate, Roborans, Flesh colour Adhesive, &c.**Hospital Strapping.** On Holland Pure Stout Calico, &c.**Porous Plasters.** All kinds. On Cotton Cloth Red Felt, White Kid, &c.**Rubber Adhesive Plaster.** On Cotton Cloth or Holland—In Tins or on Spools.*Court Plasters, Toothache Plasters, Corn and Bunion Plasters, Mustard Leaves, &c.***SURGICAL BANDAGES**Waterdressing, Fastedge, Calico, and Flannel Bandages, Elastic Web,
Crepe Velpeau, and Plaster of Paris Bandages.**THE LEICESTER "VARICO" LEG BANDAGE.**

TRADE MARK.

RENDELL'S
SOLUBLE QUININE PESSARIES.

THE WORLD-WIDE REPUTATION that these Pessaries have obtained since their invention by W. J. Rendell in 1885 has induced unscrupulous persons to place upon the market worthless and injurious compounds, with colourable imitations of W. J. Rendell's labels. To distinguish the genuine Pessaries from these fraudulent concoctions, see that the Registered Trade Mark and Number, in **RED INK**, are upon each box thus:

Registered
Trade Mark, 
without which
none are genuine.
No. 182,688.

W. J. Rendell
No. 182,688

Registered also in Australia, India, The Cape, The Argentine, Germany, &c.

IMPORTANT NOTICE AND CAUTION.

Several injunctions in the High Court of Justice having already been obtained (reports of which have appeared in "THE CHEMIST AND DRUGGIST"), W. J. RENDELL'S SOLICITORS are instructed to take proceedings against all persons (Makers or Vendors) fraudulently using the name of "W. J. RENDELL," "RENDELL," or any colourable imitation thereof in connection with Pessaries NOT manufactured by

W. J. RENDELL,
INVENTOR AND SOLE MAKER,
15 CHADWELL STREET, CLERKENWELL, LONDON, E.C.



Improved HOT WATER BOTTLES

THE
'Ronoleke'
British Made.
Requires no
Washer.
Note the
Patent Neck
and Stopper.
Guaranteed
never to leak
unless wilfully
damaged.

High-grade
Moulded Red
Hot Water
Bottles.
Superior
Quality.
Strong and
pliable.
Each Bottle
boxed singly.
Made in
2 Sizes.

The Thames Rubber and Leather Co.

199 UPPER THAMES ST.,
LONDON, E.C. 4.

Established 1851.

Telephone: 7226 Central.

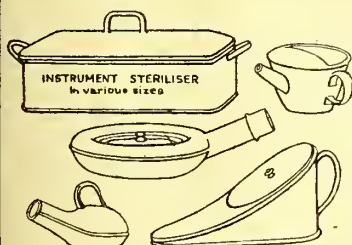
Telegrams:

"Thames Rubber, Cannon, London."

Write for Prices



Enamelled Hospital Requisites



HIGHEST
QUALITY.
PERFECT
PACKING.

BRITISH
MANUFACTURE.

*Write for
Catalogue.*

ORME, EVANS & CO., LTD. Works: Wolverhampton, Eng'land.
Showrooms—London, Sydney, Capetown.

EXCELSIOR CREPE BANDAGES. FAST EDGE.

Owing to the War, the supply of Crepe Velpeau Bandages is discontinued. We, are, therefore, placing on the market a bandage of English manufacture which will be sold as

GIMBER'S EXCELSIOR CREPE BANDAGE



TRADE MARK. An Elastic Bandage. Containing no India rubber. Superseding Elastic Stockings, Webs, Bandages, and at half the cost. Three sizes, about 2, 2½, and 3½ inches wide. Excelsior Crepe Abdominal Binders.—Useful after many Abdominal Operations, and for ladies after confinements. Two sizes: 8 & 11 in. wide.

CAUTION.—Beware of fraudulent and useless imitations, and reject all Bandages not bearing the above Trade Mark on the Wrappers.

Wholesale of
W. GIMBER & SON, Surgical Bandage and Instrument Makers,
44 Queen's Rd., PCKHAM, LONDON, S.E.
And of all Wholesale Druggists, Chemists, Surgical Instrument Makers, &c.
Telephone: New Cross 1601. Descriptive Circular & Price List on application.

BEST ENGLISH MAKE

SEA-TANGLE TENTS

(LAMINARIA DIGITATA)

For dilating the OS and CERVIX UTERI.

Introduced by SIR JAMES SIMPSON, M.D.

SPECIAL ADVANTAGES.

- Firstly—They are cheaper in price than Sponge Tents.
- Secondly—More easy of introduction.
- Thirdly—More potent than dilators.
- Fourthly—Cleaner in their use.

Lecture by PROF. SIMPSON, "Tangle Tents," at the Obstetrical Society of Edinburgh.—See Edinburgh Medical Journal for July 1864.

Manufacturer: **E. BRASSE** (late R. Manson)
Culvert Works, Culvert Road, South Tottenham, London, N. 15

A Useful Block

TO encourage orders by post. It acts as a powerful suggestion to customers to send their orders to their own Chemist even when they are out of town temporarily or permanently. If used on the Stationery and Package slips it cannot fail to increase the orders.



R. 14a. 3/6

☞ A few actual sample slips with this Block in use will be sent to all interested.

CHEMISTS' DESIGN SERVICE,
12 Humberstone Gate, LEICESTER.

Specify

All-British

Hypodermic

AND

SERUM SYRINGES

STANDARD & RELIABLE

HYPODERMIC and SERUM SYRINGES
"RECORD" and "ALL-GLASS"
CATTLE INOCULATING SYRINGES
VACCINE and TUBERCULIN SYRINGES

Members of
The British Lampblown
Scientific Glassware
Manufacturers' Assoc.
Limited



No. 256. Salvarsan Syringe, with Corrugated
Nozzle for attachment of I.R. tubing.
Sizes 10cc. and 20cc.



No. 16. Serum Syringe. 2 piece, All Glass.
Stock sizes, 3cc., 5cc., 10cc., 20cc.

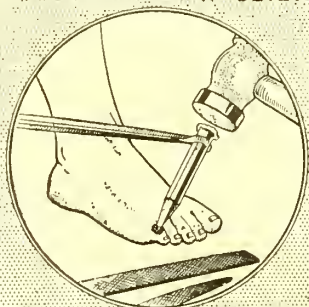
SYRINGE engraved with *own name* or
Trade Mark can be submitted with Offer

3-Piece with Renewable Nozzle
2-Piece with Safety Nozzle

MADE IN LONDON

GENERAL SURGICAL COMPANY, Ltd.
147-149 FARRINGDON ROAD, LONDON, E.C. 1

DON'T USE THESE
TO SHIFT THAT CORN



USE DR. WILSON'S
Maorvit
CORN
PENCIL
JUST A RUB THAT'S ALL

Price 1 3 on P.A.T.A. Extensively advertised.

ATTRACTIVE SHOW BILLS. DISPLAY
BOXES. WINDOW STREAMERS.

Obtainable through all Wholesalers.

TALBOT WILSON, 20 HIGHGATE ROAD, LONDON, N.W. 5

RUBBER CORKS

IMPORTANT

It is not generally known that Corks made of Rubber are to-day 25 % cheaper, are more serviceable, reliable, and give greater sealing facilities than any other kind. We specialise for the requirements of the Chemical Trade, and manufacture all standard sizes.

	Drab	Drab
	Ammonia Proof.	Acid Proof.
Prices for 8-oz. Bottles ...	3/3	4/3 per gross
" 16-oz. " ...	4/9	5/9 "

Other sizes—Prices on Application.

SPECIAL PRICES FOR LARGE QUANTITIES.

We also manufacture BUNGS for $\frac{1}{2}$ -gall.
and 1-gall. Jars.

RED & BLACK RUBBER CORKS of
the Best Quality for Laboratory use.

Inquiries Solicited.

Garden City Rubber Company

*Manufacturers of all Rubber Specialities
for Medical, Chemical & Laboratory use,*

Letchworth, Herts.

Telephone: Letchworth 54. Telegrams: "Rubber Letchworth."

Big repeat orders for Sorbo Sponges



EVERY day we are receiving orders for more and more Sorbo Sponges.

Retailers are selling Sorbo Sponges as fast as they can get them. For this natural-coloured, all-British rubber sponge is exactly the hard-wearing, soft, absorbent and inexpensive sponge the public requires.

Not only are there big profits for you in Sorbo Sponges, but no undercutting in price is possible. Sorbo Sponges are sold at *protected retail prices*.

Send a trial order to-day and display Sorbo Sponges. You will find that they keep the Cash Register busy! Parcels of not less than 3 dozen assorted sponges, less 33 $\frac{1}{3}$ % and 3 $\frac{3}{4}$ % cash, carriage paid U.K.

Sorbo sponge

THE MOST ABSORBENT RUBBER SPONGE

Protected Retail Prices:

No. 1, 1/3; No. 2, 2/-; No. 3, 3/-; No. 4, 5/-; No. 4R, 7/6; No. 5, 10/6.

SORBO RUBBER-SPONGE PRODUCTS, LIMITED,
24, Walbrook, London, E.C.4.

Telephone :
CITY 9372

Sorbo Sponges can be obtained from leading wholesalers.

Telegrams :
Osorbeau, London.

SATISFY YOUR CUSTOMERS The "Fastnet" BANDAGES

In Sealed Cylinders.

Used by Discriminating Medical Men.



The following are a few of the many advantages of the "Fastnet" Bandages over any other Water-dressing Bandages on the market :—

- (1) The cloth from which they are made is of even manufacture, very absorbent and heavy texture.
- (2) They are tightly rolled by a patent process, the benefit of this will be at once appreciated by the surgeon when applying.
- (3) They are cleanly cut and evenly packed.
- (4) They are each packed in a sealed cylinder, ensuring cleanliness in use and in storage, and require no further wrapping before sale.

Samples and prices can be had on application to Sole Agents :—

JOHN TIMPSON & CO., Ltd., 104/6 Golden Lane, London, E.C.1

PURE WHITE INLEAVED ABSORBENT COTTON WOOL in Packets

1 lb., 1/3; 8 oz., 1/4; 4 oz., 1/5½; 2 oz., 1/7; 1 oz., 1/8 per lb.
Quantities ½-1 cwt., special prices, carr. paid. **Pure Mag.**
Carb. Levis, B.P., and Rice Starch Powder. Terms—Cash
with Order.

J. L. STANSFIELD, Chemist, Boothfold, Waterfoot, nr. Manchester.

FOLDING SCISSORS

WELL-FINISHED. EACH IN CASE.

WHILE STOCK LASTS 18/- DOZ. POST FREE.

No less than 1 doz. supplied. Cash with order.
SPECIAL QUOTATION FOR LARGE QUANTITIES.

A. LEE & CO., 36 Herbert Rd., Woolwich, S.E. 18



INDIA RUBBER

(Red Mineralized and Arabesque).

SURGICAL, CHEMICAL, DOMESTIC ARTICLES, SYRINGES, ENEMAS, WATER BEDS.

Manufacturers of every description of INDIA RUBBER, Wholesale & Export only.

WM. WARNE & CO., Ltd., 29 Gresham Street, LONDON, E.C. 2.

[See p. 429 "C. & D." Diary, 1917.]



"NORVIC" CRÉPE BANDAGE (REGD.)

SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES.
Extremely Elastic, but contains no Rubber.

Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norvic Crêpe Bandages containing wool, will provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Sent for prices and samples to the sole manufacturers—

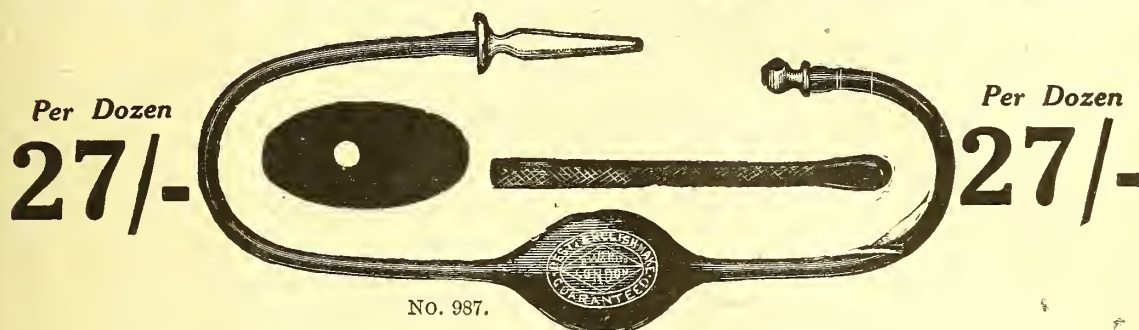
The NORWICH CRAPE CO. (1856) Ltd. (ST. AUGUSTINE'S), Norwich, Eng.

Provincial Selling Agents, **Freese & Moon, Ltd., 59 Bermondsey Street, London, S.E. 1.**
London Buyers can obtain samples & prices from **Mr. T. Eastaway, London Representative, 7 Wool Exchange, E.C. 2.**

*"It makes life
worth living."*



SEAMLESS ENEMAS.



GUARANTEED FOR 2 YEARS.

No. 987.—The "B.E.M." (best English make) with bone rectal pipe, etc.,	s.	d.
complete in superior card box, per doz.	27	0
in leatherette dome-top case	30	0
extra stout ball and tubes	36	0
No. 988.—The "Empire," black polished, complete in card box ...	28	0
in oval leatherette case ...	31	0

We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Bathing Caps, Belts, Catheters, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Splints, Sponge Bags, Trusses, Water and Air Beds, Water and Air Cushions, Waterproof Sheeting, and every description of Rubber Goods.

ILLUSTRATED PRICE LIST POST FREE.

OUR GOODS ARE RIGHT.

MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, LTD.,
91 & 92 GREAT SAFFRON HILL, LONDON, E.C.1.

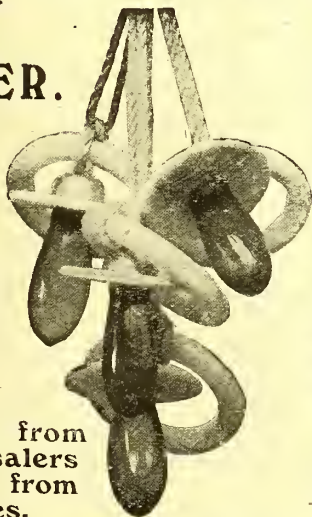
The "EVERSAFE" BABY PACIFIER.

Patented
Everywhere.

Present rates:—

No.	
2	4d. line 2/9 doz
2C	6d. " 3/2 "
2E	6d. " 3/4 "
3	7½d. " 4/8 "

Obtainable from
all Wholesalers
or direct from
Patentees.



Sample Order, Three Dozen Assorted:
Send 10/6, post free.

F. SCHUTZE & CO., LTD.,
Black Bull Works, London, N.

IODINE BRUSHES

2/- doz. (on 1 doz. cards). 21/- per gross

CORN PAINT

5/- doz. (on 1 doz. cards). 57/- per gross

All I.R. SOOTHERS 2/6 doz.
27/- per gross

do. (larger size) 4/- doz.
45/- per gross

SUSPENS. BANDAGES

9/- doz. (Pink bags). 102/- per gross

HYG. TEATS (Trans.) 1 gross of
each for

27/6
post free

" VALVES "

AND ALL SUNDRIES (Prices Right)

THOS. SWALES

Druggists' Sundryman

24 BUTTS COURT, and 89 ALBION STREET, LEEDS.

SURGICAL DRESSINGS.

ABSORBENT
GAUZES, WOOLS, LINTS
(Plain and Medicated)
GAUZE TISSUE.

Telegrams:
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Telephones:
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BANDAGES
OPEN WOVE, CREPE,
DOMETTE, FLANNEL,
PLASTER OF PARIS.



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WOOD WOOL
PREPARATIONS,
GREY CARDED WOOL,
JUTE TOW.

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Essex Road,
LONDON, N. 1.

HOSPITAL SHEETINGS,
JACONETS,
BATISTES,
OILED SILKS, &c.

Contractors to H.M. Government, Military & General Hospitals, &c.

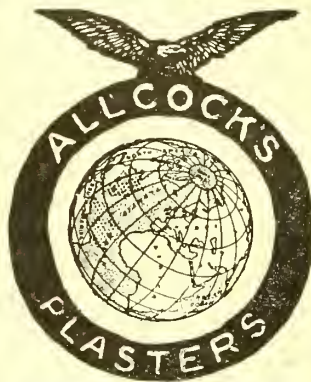
ESTABLISHED 1847.

Allcock's PLASTERS

A REMEDY OF 70 YEARS' STANDING.

Allcock's Plasters
Allcock's Corn and
Bunion Plasters
Brandreth's Pills

*The
Three
Reliables.*



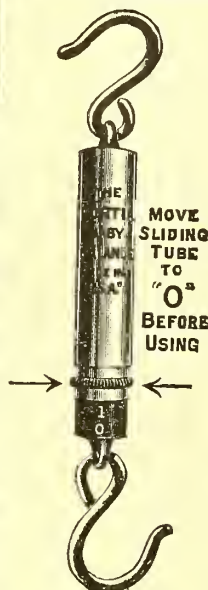
Prices and Terms
on
application to

ALLCOCK
MANUFACTURING
COMPANY

22, Hamilton Sq.,
Birkenhead,
England.

"Sold all round the World."

Just Arrived.



A Limited Consignment of
THE

"PORTIA"

(Regd.)

NET WEIGHT

Baby Balance

Weighs up to 15 lb.

Price	Retail
30/-	3/6
dozen.	each.

Owing to restricted imports this line has been off the market for some time, and we think that many friends will be glad of the opportunity of renewing their stock.

SOLPORT BROS., Ltd.

184 to 190 Goswell Rd., London, E.C.1.

Obtainable through all Wholesale Houses.



The direct appeal

For a show of 'Verisan' Chest Protectors you cannot choose the wrong day now — the display will pull good business. Get in stocks, and be ready for the demand of chilly, foggy winter days.

Verisan

**Capsicum
Chest Protectors**

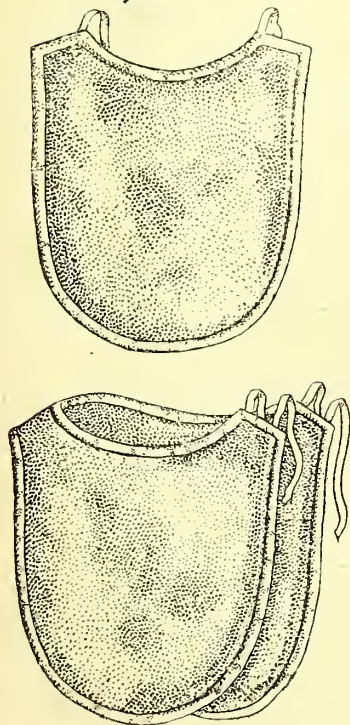
Note prices below, and profit margin.

No. 1 Size, Single, 9d. Retail.	6/-	per	dozen	Wholesale.
Double, 1/3 Retail.	10/-	per	dozen	Wholesale.
No. 2 Size, Single, 1/1 ¹ / ₂ Retail.	9/-	per	dozen	Wholesale.
Double, 2/- Retail.	16/-	per	dozen	Wholesale.
No. 3 Size, Single, 1/6 Retail.	12/-	per	dozen	Wholesale.
Double, 2/9 Retail.	22/-	per	dozen	Wholesale.

Less 5 per cent. for cash in *seven days* ; otherwise strictly net.

Carriage paid on parcels to value of 27/-

The Verisan Co., Mnfg. Chemists,
50A Buxton Road, Huddersfield.



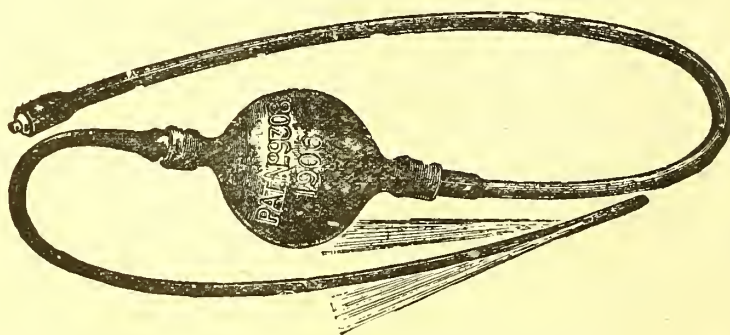
“HYDRION” A Powerful Antiseptic Tablet quickly soluble in water: for Dressing Skin Wounds, Lacerations, Compound Fractures, Burns, &c.

The formula of an eminent surgeon, obtained after years of scientific research and clinical application. “Sepsis,” where directions are faithfully carried out, is unknown. See LANCET, Dec. 19, 1914, pp. 1438 et seq.

Write for Pamphlet and Free Sample.

The “NEW CENTURY” Urethral Syringe.

Price 4/-
Less Professional
Discount.



Eng. Patent
No. 9308. 1906.
Patented at Home
and Abroad.

CHIEF POINTS OF VANTAGE:

- | | |
|--|---|
| (1) Simplicity and comparative comfort in use. | (4) Remarkable absence of distress in use. |
| (2) Ease of complete sterilisation. | (5) Quickness in controlling discharge. |
| (3) Absence of hard material in construction. | (6) Unlimited quantity of irrigating fluid. |

COMPRESSED INJECTION TABLETS, SPECIALLY MANUFACTURED for use with the “NEW CENTURY” URETHRAL SYRINGE.

Each tablet makes half a pint of non-irritating injection.
Glass Tubes, containing 12 tablets, price 6d. each tube.

“DETERGOL” BRITISH MADE WITH BRITISH MATERIAL

AN IDEAL ANTISEPTIC DEODORANT DISINFECTANT.

Contains 20% more Cresol than any other similar preparation.

Superior to any German Preparation.

Surgical Instruments can be safely sterilised and disinfected in a few seconds without danger of corroding by using “Detergol.”

USED BY THE MEDICAL PROFESSION FOR FOURTEEN YEARS.

TABLETS, PILLS, etc., and
CHEMICAL and MEDICINAL PREPARATIONS of all descriptions

MANUFACTURED BY

HOUGH, HOSEASON & CO., LTD.

Wholesale Manufacturing Chemists.

MANCHESTER.

IT STANDS TO REASON THAT, ACTING FOR
PRACTICALLY ALL THE WHOLESALE TRADE,

The Association of Manufacturing Chemists, Limited,

HOLDS THE UNRIVALLED POSITION OF BEING ABLE
TO RENDER THE FINEST POSSIBLE SERVICE IN
RELATION TO

The Collection of Accounts (*No Commission*).

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Investigations.

Valuations.

Sale of Businesses.

(FACTS THAT MATTER)

IT HAS AGENTS IN EVERY TOWN in the UNITED KINGDOM,
IT OWNS THE MOST UP-TO-DATE RECORDS,
AND ITS DIRECTORS ARE CONNECTED WITH THE
LEADING MANUFACTURING CHEMISTS.

A VERY LARGE FIRM WRITES: "We strongly advise every business firm placing
their accounts in your hands for collection. THE RESULT will ASTONISH them."

WRITE TO-DAY FOR PROSPECTUS, and by joining, you
will make your BAD DEBT LEDGER a relic of the past.

PRINCIPAL - PARKIN S. BOOTH,

The Trade Protection's "Live Wire," as the 'C. & D.' describe him.

31 KIMBERLEY HOUSE,
HOLBORN VIA., LONDON, E.C.1.

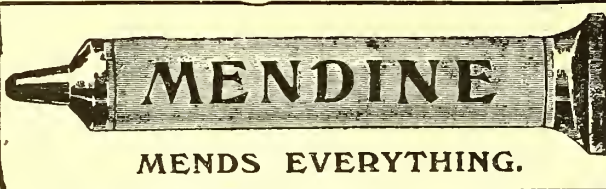
Telephone No.
City 6942.

Telegraphic Address:
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35, 36, 37 EXCHANGE CHAMBERS,
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"Quorum Liverpool."



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MENDS EVERYTHING.

A PERFECT Liquid Glue CEMENT

Made from the finest materials obtainable. Guaranteed to retain its efficiency for Six Years. In 2d., 3d., 5d., & 7d. Tubes. Bored in dozens. Also in Bulk for Carpentry, Joinery and Aer. nautical Works, etc. 4-lb., 1-lb., 14-lb., and 28-lb. Tins.

Indent through Merchant Shippers. Export Cases at Cost, 7 to 8. London.

MENDINE CO. (Sole Proprietor, FRANCIS W. COOMBE)
8 ARTHUR ST., LONDON BRIDGE, E.C. 4.

FREDK. FINK & CO.,

10 & 11 MINCING LANE, LONDON, E.C.

SPECIALITIES.—Gums Arabic and Tragacanth as imported or finely powdered.

PRECIPITATED CHALK.

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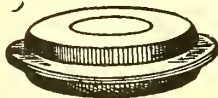
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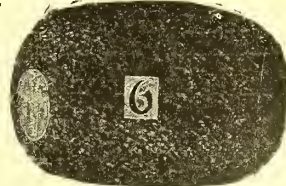
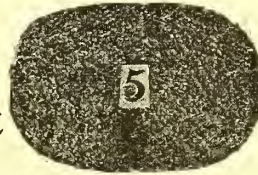
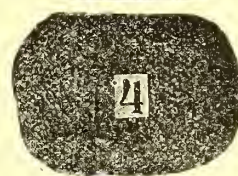
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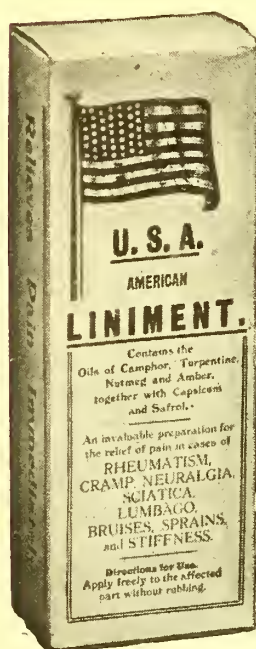
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SUPPLEMENT

42 CANNON ST.
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OCTOBER 25, 1919

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ADVERTISER, having recently disposed of his Pharmacy, now seeks a Business more of a Prescribing and Mixed nature, little or no Dispensing; an unopposed or neglected Branch, good living accommodation, on the South Coast preferred; available. Fullest particulars in first instance, to facilitate writing, to "Stigma" (140/12), Office of this Paper.

ASK Cash Retail Business wanted, in busy shopping position; no objection to East End if position is good; large business preferred, but small one entertained if neglected and offering for good expansion; there must be satisfactory reasons for sale, and business must be open to every investigation; advertiser a genuine purchaser of a genuine business for which no price is being asked. Replies, in confidence, to "Beta" (140/22), Office of this Paper.

INESS wanted; cash down £500, remainder by arrangement; at once, or would manage, with view to succession. Apply "M.P.S." (134/21), Office of this Paper.

G STORE wanted, with living accommodation; about £300. Apply "P. C. B." (1/14), Office of this Paper.

UINE, sound Business required; health resort, coast, or suburban manufacturing town; turnover £1,200-£1,500, with view to increase; must have good residential accommodation; cash available; management, with view to early success, not objected to. Full particulars, in confidence, first letter, to "Pharmacist," 23 Ashbourne Road, Derby.

CLASS Business required, with scope for Photography; one to employ qualified Assistant; London district preferred; no small or questionable concerns considered; every intention required; replies in confidence, stating price, turnover, and if living accommodation; cash available; reference given. "Capsicum" (137/260), Office of this Paper.

IFIED requires Cash Business, preferably in the Midlands, with scope for increase; cash available, £400; good accommodation essential. Address, in confidence, with full particulars of turnover, profits, rent, rates, opposition, reason for disposal, and price, "Gentian" (139/3), Office of this Paper.

MACIST requires sound Business; scope for increase; no objection to West of England; cash available, £500; would accept partnership or management with interest in large concern. (139/8), Office of this Paper.

MACIST requires Management; good house accommodation (small preferred), with view to succession; would also purchase of suitable business, with turnover of at least £1,000 cash available; good-class London district preferred. For further particulars, to 138/9, Office of this Paper.

MACIST requires a good-class Business; returns £800 to £1,000; London or suburbs. Particulars, in confidence, to "T" (140/16), Office of this Paper.

ETL and Dispensing Business wanted in a good country market town or seaside in Wales; a neglected business with speciality in Optics, for a younger man entertained; cash available. Replies (in confidence) to 136/40, Office of this Paper.

MAI Drug Business wanted; suit unqualified, with living accommodation; Country Stores not objected to; would undertake management with a view to succession. Please send particulars to "R. F." (140/26), Office of this Paper.

VED, by Pharmacist, sound Retail Business; N.E. Lincolnshire preferred. Apply 140/23, Office of this Paper.

WANTED, Drug Store, with or without Photographics; good house and shop; country town; or any other proposal entertained suitable for a good business man (unqualified); expert in Photography. Full particulars to Graham, Harby, Melton Mowbray.

WANTED, a sound Business (not Agricultural), without Optics, Photo, or N.H.I. preferred; cash available £400-£500, remainder by arrangement; would manage, with view to early succession; age 34; London or N.E. England preferred; replies absolutely confidential, and all letters will be answered. Apply 141/27, Office of this Paper.

WANTED, good sound Business for cash, £3,000 or more. Address in strict confidence to Pinson, c/o Smith, 24 Leamington Road Villas, Westbourne Park, W.

AGENCIES.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

AGENCY.

NORTH OF ENGLAND, Northumberland, Cumberland, Durham, all Yorkshire, good commission paid to energetic man already on ground; must have good connection and be well recommended; our goods have already been placed, but unfortunately our Salesman died. Apply 56/36, Office of this Paper.

ADVERTISER, shortly returning to South Africa, is willing to act as Agent for any lines open to accept commissions. "P. C. B." (1/30), Office of this Paper.

AGENTS, with connection among Chemists, Hairdressers, Drapers, etc., wanted in all large provincial centres to introduce quick-selling new line. Apply by letter, stating ground covered, to The Unique Supply Co., 153 Fleet Street, London, E.C. 4.

ENGLISHMAN, aged forty, having had twenty years' residential business experience in France, Spain, Portugal, Persia, Africa, and French Guiana; thorough and practical knowledge French, Spanish, and Portuguese languages, accountancy, commercial banking, shipping, and insurance; latterly Manager, English Department, important Grasse firm; desires post of Travelling Representative, preferably France, Spain, and Portugal; excellent references. Apply 131/24, Office of this Paper.

MESSERS. J. COOPER & SON, 30 Brackley Road, Chiswick, W. 4, with an established connection amongst Chemists, secure one other first-class representation on commission basis; territory, W. and S.W. London, and Weymouth to Ramsgate; bankers references.

PURCHASING Agents desire to get into touch with Manufacturers of Toilet and other Goods suitable for Hairdressers, etc., and also good lines in Perfumes for Drapers and others. Address 141/24, Office of this Paper.

REPRESENTATIVES WANTED

in chief towns throughout the British Isles.

The manufacturers of a well-known Antiseptic preparation require Agents on commission in all the chief towns throughout the British Isles.

Excellent terms and brilliant prospects for keen, progressive men.

Reply to 66/72, giving full particulars as to age, experience, connection, etc.

REPRESENTATIVE, calling on Retail Chemists in London, Southern, and Midland Counties, wanted, to introduce fine Chemicals direct from Manufacturers; commission basis. Write "E. C. C." (67/73), Office of this Paper.

TRAVELLERS at present calling upon Chemists are offered a good Agency for Toilet Cream and Soaps; state exact territory and full particulars; London and some of the provinces only vacant. Apply 64/30, Office of this Paper.

WHOLESALE Scotch firm desires good Agency; well represented in Glasgow and West of Scotland; packed goods preferred. 139/16, Office of this Paper.

PARTNERSHIPS.

LADY, Hall qualification, several years' Dispensing experience, good knowledge of Drugs, wishes to meet experienced partner to open or purchase small Drug Store. Apply 134/39, Office of this Paper.

M.P.S., WITH energy and initiative, desires Management, view succession, in sound country business; little or no N.H.I.; good premises, capable expansion; or Partnership in Wholesale business. 130/18, Office of this Paper.

PARTNER, with £200, wanted; to travel London and suburbs for Manufacturing company, starting, in London; must be a well-educated, good-class man, young, of smart appearance, good Salesman, and of first-class character; replies only to those sending full particulars, which will be treated in strict confidence. Apply 136/37, Office of this Paper.

WANTED, qualified man as Chemist-Superintendent for Eltel Limited; cash bond or investment required, and first-class personal references; six hours daily; no Sunday duty. Address (letters only) "Etel," 94 East Street, London, S.E.17.

APPRENTICESHIPS.

J. B. BARNES & SON, Dispensing Pharmacists, 205 Knightsbridge, have a vacancy for a smart youth as Apprentice; preferably one who has passed Prelim. Apply to Mr. L. R. Hayne.

GENTLEMANLY youth, for high-class Dispensing Business in London; generous terms. Apply "P. C. B." (2/50), Office of this Paper.

SITUATIONS OPEN.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

RETAIL.

BATH.—Davis & John, Chemists, require unqualified Assistant, accustomed to high-class Retail and Dispensing business; short hours. Full particulars in first letter to Mr. John.

BIRKENHEAD.—Capable Junior or Improver (male) wanted at once for quick Cash Retail and Dispensing business; must be first-class Counterman and good Window-dresser; please give full particulars and state salary required (outdoors); if possible send photo (to be returned). B. J. Cooper, 80 Argyle Street, Birkenhead.

BIRMINGHAM.—Junior or Improver for Dispensing and good-class Retail business; outdoors; easy hours; state age, height, and salary required. A. F. Goode, Ph.C., Erdington.

BRECON.—Assistant (outdoors); unqualified; agricultural district. Apply, stating age, height, experience, references, and salary required to Gwillim, Chemist, Brecon.

CARLISLE.—Two Junior Assistants; unqualified. State age, experience, salary required, references, to T. Ridley & Son, Carlisle.

CHARING CROSS HOSPITAL, W.C.2.—Assistant Dispenser (male) required; Minor qualifications; salary £200. Applications to be sent to the Pharmacist at the Hospital.

DONCASTER.—Assistant (unqualified) required, immediately, for General Family and Dispensing business conducted on progressive lines. Applicants must be well recommended and have had good experience, and should apply, stating age, height, experience, salary required (outdoors), and enclosing photo if possible, to M. H. Stiles & Son, The Rexall Pharmacy, Doncaster.

EASTBOURNE.—Assistant wanted, unqualified but with good Dispensing and Counter experience; no N.H.I. Dispensing; hours 8.30 to 7 p.m., Saturday 8 p.m.; alternate Sundays, 2 hours' duty, but time allowed off during week; good salary to competent man. Apply, giving full particulars, age, experience, reference, and enclose photo (to be returned), Procter, 5 Station Parade, Eastbourne.

FINSBURY PARK.—Junior Assistant, male (unqualified) good-class Retail business, to assist with Dispensing Stock; personal interview preferred; no Sunday duty; 1 o'clock Thursday. Full particulars, experience, reference salary required (outdoors), to Armstrong, 165 Blackstock N.4.

GUY'S HOSPITAL, S.E.1.—Dispenser required immediately. Pharmaceutical Society's qualification; male, under salary £180. Apply to the Acting Pharmacist.

LINCOLN.—Assistant wanted, for November and December good-class business; qualified or unqualified; state full particulars, with salary (outdoors). Kemp & Elmitt, Chemists, Lincoln.

LONDON.—Wanted (immediately), good, unqualified Junior Assistant; must be well up in Dispensing, and must have passed Prelim. or its equivalent; please state salary required (indoors), age, height, and experience, 138/10, Office of this Paper.

LONDON, E.—Middle-aged or elderly Chemist, qualified, required (immediately) to manage small suburban business; outdoors; easy hours; comfortable berth; must be absolutely reliable, good references. Reply, in first instance, with full particulars, Mr. Tydeman, 26 Midhurst Avenue, N.2, or 'phone Hornsey, 136/5, Office of this Paper.

LONDON, N.—Wanted, qualified male Assistant for medium-class Retail; capable of taking charge; please reply, giving usual particulars of age, experience, and salary required. Apply 136/5, Office of this Paper.

LONDON, N.—Wanted, Junior or Improver for high-class Retail business; outdoors; knowledge of Photography preferred; good salary. Apply 141/35, Office of this Paper.

LONDON, N.W.—Part-time Assistant required, evenings; must be accustomed to Dispensing. State age, height, and salary required, to 138/100, Office of this Paper.

LONDON, S.E.—Wanted, an experienced Assistant, by day, for good-class Family and Dispensing Chemists; outdoors; personal interview; must be a good Dispenser and Counterman. Apply, stating age, height, experience, salary required, and disengaged, 139/11, Office of this Paper.

LONDON, S.W.—Qualified Assistant wanted. Apply, stating age, height, experience, and salary required, to Parsons & Baker, Ph.C., 174 Victoria Street, S.W.

LONDON, W.—Wanted, experienced Junior Assistant for good-class Dispensing business. Apply 134/23, Office of this Paper.

LONDON, W.—Required (now or later), a first-class qualified Assistant, of good height, appearance, and address; thorough business habits and energetic, up-to-date method of working; preference given to one who, having no prospects of his own, is prepared to settle down in, and devote himself with, the business; correspondence invited, in strict confidence, from those wishing to make a change and who are dissatisfied with their present outlook; no N.H.I. or night duty; age 34 to 40; only born Countermen need apply; commencing salary £300 per annum. Letters only, with photo, to "Opportunity," 26 Woodville Road, Ealing, W.

LONDON, W.—Required (at once), an experienced, gentlemanly Assistant as Dispenser; hours. 8.45 to 6. Apply to Evans, Pharmacist, Whiteley's Ltd., 39 Westbourne Grove, W.

LONDON, W.—Smart Assistant required; one with a knowledge of French preferred. Full particulars to Central Pharmacy, 11 Shaftesbury Avenue, Piccadilly Circus, London, W.

MANCHESTER ROYAL INFIRMARY.

REQUIRED, Senior Assistant Pharmacist; good Dispensing and General training; knowledge of buying Drugs and Stores an advantage; experience in management and stock-keeping essential; commencing salary £275 per annum. Apply, giving full particulars as to age and experience, to FRANK G. HAZELL, General Superintendent and Secretary.

MARGATE.—Junior Assistant, for Dispensing and Light Retail business. Holmes, 110 High Street.

MANCHESTER.—Unqualified Assistant required for Retail business; must be experienced and accustomed to the business; give full particulars, with age, salary expected, and when at liberty. Apply 66/39, Office of this Paper.

NEAR MANCHESTER.—Wanted, qualified Working Manager, to take charge of Branch; must be a good Salesman; must be per week to a thoroughly efficient worker; no Sunday duty; state age, experience, and references, with photo. Apply 136/5, Office of this Paper.

EWPORT, MON.—Wanted (at once), a fully competent Assistant. Full particulars first letter, Budgett, Chemist.

RMSKIRK (near Liverpool).—Wanted, smart Junior Assistant (lady or gentleman); outdoors. Full particulars to H. L. Bridge, c/o Garside's Ltd., Ormskirk.

XFORD.—Unqualified Assistant, used to Paint, Oil, and Colour trade; permanency; single man preferred. "O" (139/271), of this Paper.

EDCAR.—Junior Assistant wanted; outdoors; good Dispenser. State age, salary, and experience, give reference, to C. J. n, Chemist, Redcar.

LISBURY PLAIN.—Wanted, Manager for branch shop, at Bulford Barracks; qualified preferred; good Salesman essential; £4 weekly, commission, free rooms and electric light; permanency. Cheetham, Chemist, Tidworth.

UTHSEA.—Competent unqualified Assistant wanted; good Salesman; age about thirty; with Dispensing experience; outdoors. State age and usual particulars to Arnold & Sons, nists, King's Road, Southsea.

UTH Wales.—Qualified Assistant required for a progressive business; permanency; suit active, elderly man. 139/270, of this Paper.

REY.—Unqualified Assistant, single, wanted immediately; good Photographic experience essential. "W." (139/273), of this Paper.

UNIVERSITY OF DURHAM.

ARMSTRONG COLLEGE, NEWCASTLE-UPON-TYNE.
The Council invites applications for the appointment of a Lecturer in Pharmacy. Candidates must be fully qualified Pharmaceutical Chemists. Salary £300 to £350, according to qualifications. Duty to commence in November. Six copies of applications, not more than three testimonials should be received not later than 31st October, 1919, by

THE REGISTRAR,
Armstrong College,
Newcastle-upon-Tyne.

ST of England.—Vacancy occurs in high-class Dispensing and Retail business for a reliable and experienced Assistant; must be obliging, tactful, and a good Counterman; qualification essential; a permanent, well-paid post for suitable man; must be irreproachable. 139/7, Office of this Paper.

WYMOUTH.—Young and energetic qualified Assistant required for branch shop; must be a really "live" man and up-to-date window-dresser; no others need apply; full particulars in letter, please. Howard, Chemist, Weymouth.

WOLVERHAMPTON AND STAFFORDSHIRE GENERAL HOSPITAL.

SENIOR DISPENSER REQUIRED.

Candidates must have passed the Major examination of the Pharmaceutical Society. The salary will be at the rate of £225 per annum; lunch will be provided in the Hospital. Applications, with copies of testimonials, must reach the undersigned on or before 3rd NOVEMBER, 1919.

W. H. HARPER,
House Governor and Secretary.

October, 1919.

WOLVERHAMPTON.—Young Junior or Improver wanted at once; outdoors; easy hours; no Sunday or Bank Holiday apply, with fullest particulars, age, references, and salary to W. R. Dunn, 10 Horseley Fields, Wolverhampton.

PERMANENT (male) Assistant wanted for good-class Counter and Dispensing business; outdoors; personal interview preferred. Birch & Co., 59 Church Road, Norwood, S.E. 19.

TANT (male or female) required for Prescription Counter, with Minor qualifications; Retail experience not essential. Hiscox, the Manager, Drug Department, Junior Army Stores, Ltd., 15 Regent Street, S.W. 1.

TANT (lady preferred), to take charge of Exhibition Counter displaying new line of high-class Toilet Preparations. West End Stores, Nov. 8th to 21st; good references. 138/8, Office of this Paper.

DISPENSING Assistant, about 26, wanted (at once); two kept; please give full particulars and two years' references; 65s. offered. Ewbank Smith, 5 Norman Road, St. Leonards-on-Sea.

DISPENSING Chemist, male (with Pharmaceutical Society's qualifications and practical knowledge of Photographic work) required at London County Mental Hospital, Coney Hatch, New Southgate, N. 11; age not to exceed 40; £130 a year, rising by £10 a year to £200; in addition (at present), war bonus and other extra payments at rate of £25 a year; no emoluments; preference given to candidates who have served or attempted to serve with H.M. Forces; appointment subject to medical examination; pensionable. Full particulars on form of application (on which alone application must be made), obtainable from Asylums Officer, London County Council, 13 Arundel Street, Strand, W.C. 2. Stamped addressed envelope must be sent. Applications must be received by 11 a.m. on Friday, 7th November, 1919.

EVENING Assistant wanted; hours 6-9; Dispensing and Retail. Apply, stating age and terms, Garner, 204 Haverstock Hill, N.W. 3.

EVENINGS only; Mondays, Tuesdays, Wednesdays, and Fridays, 6 to 8; Saturdays, 6 to 9; few minutes from Shepherd's Bush Tube Station; state terms. Apply 140/1, Office of this Paper.

JUNIOR Assistant for Light Retail; outdoors. State experience and salary required to C. O. Wain, 8 Church Street, Haslingden.

JUNIOR or Improver, 8.30 to 8 p.m.; half-holiday; no Sundays; quick trade; N.H.I. Dispensing in morning, Counter in afternoon. J. Glover, Pharmacist, St. Helens, Lancashire.

JUNIOR Assistant wanted (male), well educated and of good address, for high-class Dispensing business; board and lodging provided. Apply, with full particulars and photograph, to J. W. Stainer, Pharmaceutical Chemist, 71 Sandgate Road, Folkestone.

JUNIOR Assistant, or Apprentice with two or three years' experience, wanted for the Drug and Dispensing Department; 44 hours per week. Apply, stating age, experience, and wage required, with copies of references, to Manager, Dispensing Dept., Co-operative Society Ltd., Wellington Street, Stockton-on-Tees.

JUNIOR Assistant wanted (at once); one accustomed to brisk Counter trade. Reply, stating age, experience, salary required (outdoors), references, etc., Bird, Chemist, Coventry.

JUNIOR Assistant, young and energetic, for all-round Dispensing, Retail, and Photographic business; usual hours; no half-holiday or Sunday duty. Brook, M.P.S., 155 Lavender Hill, S.W. 11.

LADY Assistant, as Improver, for London business; N.H.I. Dispensing and Counter. State age, experience, and salary required, to "P. C. B." (2/5), Office of this Paper.

LADY Dispenser; Minor or Hall qualification; experienced. Apply, stating salary required, etc., C. A. Maries, Pharmacist, Waterloo, Liverpool.

LADY, experienced in Counter work and Dressing Counters for high-class Pharmacy; state particulars, with photo if possible. "M." (68/40), Office of this Paper.

MANAGER wanted, qualified, must be a steady man, for a responsible post; recent references essential; permanency at a Branch Pharmacy if reliable. Ward, Pharmacist, Denaby Main.

MANAGER; qualified; within 15 or 20 miles of London; outdoors; salary £4. Full particulars, hours, etc., good experience and testimonials, apply Cadge, Walcot, Diss, Norfolk.

NAZARETH Medical Mission.—Wanted, a qualified lady Dispenser; Missionary sympathy indispensable. Apply Dr. Fry, 56 George Square, Edinburgh.

NOVEMBER.—Practical, all-round business Salesman, of good appearance and address; tactful and methodical in Staff-management; qualification not essential; experience in Surgical Appliances and Photography advantageous; suit married man; permanency; live on premises. Full particulars, with photo and salary expected, Chave & Jackson, Ltd., Hereford.

PHARMACIST wanted at the Evelina Hospital (Children's), Southwark, S.E.; commencing salary £160 per annum, rising to £180, with dinner and tea daily; hours 9.30 to 6.0 (Saturdays 2 p.m.); no Sunday duty; further particulars and rules can be obtained from the Secretary. Written applications, stating age, qualifications, and full particulars of experience, with copies only of testimonials, to be sent to the Secretary, at the Hospital (address as above), before 3rd November.

By Order of the Committee,

H. C. STANILAND SMITH,

17th October, 1919.

Secretary.

PHARMACEUTICAL SOCIETY OF IRELAND.

The Council of this Society will, on November 11, 1919, proceed to the appointment of an Examiner for the Preliminary Examination, subject to the approval of His Excellency the Lord-Lieutenant and Privy Council of Ireland.

Full particulars will be supplied by the Registrar, with whom applications should be lodged not later than the 4th proximo.

ARTHUR T. FERRALL,
Registrar.

67 Lower Mount Street, Dublin.
October 17, 1919.

QUALIFIED Assistant wanted at once (lady or gentleman). Apply, giving recent references, to E. J. Latham, M.P.S., Creswell, near Mansfield.

QUALIFIED Chemist, for Manchester district: Dispensing and Retail: scope and opportunity to progressive man; no Sunday duties. Apply, stating particulars of experience, qualifications, age, and salary, and when at liberty, 136 21, Office of this Paper.

QUALIFIED Manager, for good-class business, South seaport: Dispensing, Photographic, and Optics (sight-testing facilities). Send full particulars and photo, stating salary required, in first letter. M., c/o Barker Stagg, Ltd., Emmott Street, Mile End, London, East.

QUALIFIED Assistant wanted as soon as possible for Agricultural and Dispensing business, outdoors: easy hours. Apply, giving full particulars, age, and salary required, to Gestling & Co., Diss, Norfolk.

QUALIFIED Assistant wanted outdoors: no Sunday duty. Russell Jacks, Ph. Chemist, 161 Gower Street, London, W.C.

REQUIRED (Immediately), capable, qualified or unqualified Assistant, country; good Dispensing and Photographic business. Apply first: H., c/o Cicham Road, South Croydon.

ROLL OF HONOUR HOSPITAL FOR CHILDREN, 688 Harrow Road, W.10.—Vacancy for a Dispenser (woman): five afternoons a week; salary 28s. Applications, with copies of testimonials, to the Secretary.

SEVERALLS MENTAL HOSPITAL, COLCHESTER.

Wanted, a qualified Dispenser (lady). Salary to commence 45s. per week, with dinner and tea on working days. Apply (at once) to the Medical Superintendent.

SMART Assistant, unqualified: good Counterman, Dispenser, neat Writer, and Window-dresser: permanent and progressive position to right man. Apply, giving age, experience, copies of references, salary required, and enclose photo, which will be returned. 138 22, Office of this Paper.

UNQUALIFIED Assistant (outdoors) Wanted, S.E. London, Lewisham neighbourhood, to supervise Packing and assist Dispensing and making Proprietarys. State age, experience, and salary required, to 138 27, Office of this Paper.

UNQUALIFIED Assistant: must be good Dispenser and Counterman: permanent and progressive berth. 139 27, Office of this Paper.

WANTED, qualified lady Dispenser to attend Surgery mornings and evenings: one with some knowledge of Nursing preferred: salary at rate of 275 per annum, with early rise if satisfactory: must be quick, energetic. Apply Dr. Gunter, 29 Burges Road, East Ham.

WANTED, for a first-class business in the West End, a smart unqualified Assistant, who must be a first-class Counterman: good salary and prospects to a really good man. Apply "Pills" 131 20, Office of this Paper.

WANTED (in about a fortnight), a smart Junior, accustomed to a good-class business. Apply, with full particulars, Buxton & Grant, 275 Whitechapel Road, Bristol.

WANTED, Junior, aged 19-21, for Dispensing and Light Retail: Photography: please state reference and salary required. Watts, Chemist, Stretford, Manchester.

WANTED (immediately), a Junior Assistant for good-class Dispensing and Retail: must be well up in Photography and accustomed to quick cash trade; easy hours; no Sunday duty. Apply, giving references, and stating age, height, salary required (outdoors), with photo, which will be returned, R. Lucas, Bridgend, Glam.

WANTED, a capable unqualified Assistant for good-class Dispensing and Retail business. Apply, stating age, reference, and salary required, to W. H. Jennings, Hoylake, Cheshire.

W—An experienced Assistant (outdoors), between 20 and 30, Apply W. F. Pasmore, 320 Regent Street, W.1 (opposite Polytechnic).

WANTED, smart, young, unqualified Assistant (single) for Sales Counter and Dispensing; short hours; close Saturday one; no Sunday duties. Write, full particulars, with photograph, to Drug Dept., Carter, Stoddell & Fort, Ltd., Bath.

WANTED, Improver or Junior (outdoors), for Light Dispensing business: state age, experience, salary required. Ralph, Pharmaceutical Chemist, 29 Burnt Ash Hill, Lee, Essex.

WANTED, a young lady Assistant for Dispensing and Sales on Counter: full qualification preferred (but not essential if good experience). Apply, stating age, experience, and references and salary required, to W. H. Walker, Chemist, Willesden, Staffs.

WOMAN, 25 or upwards, who has had experience in handling Chemists' Goods or in Chemists' Packing, wanted for 4 up of shop cases: no experience in Dispensing or Hall certain desired: must be intelligent, active, and not afraid of permanence: progressive salary. Price & Co., 1 Cranbourne Street, Leicester Square, W.C.2.

YOUNG lady wanted as Junior Assistant, with experience in Dispensing, Counter, and Stockkeeping. Cooper, Chemist, Tottenham Lane, Hurnsey, N.

YOUTH wanted (at once), with some knowledge of Dispensing for working-class district of West London: no Sunday or holiday Wednesday, half-day and whole day alternate work. Phone Chiswick 503, or write 137 21, Office of this Paper.

WHOLESALE.

4s. 6d. for 50 words or less; 8d. for every additional 10 words or less, per line.

The Advertiser may, if preferred, have his advertisement addressed to this Office, and forwarded on payment of additional charge of 6d.

Price-lists, trade circulars, samples, and printed matter of no case be forwarded, the Box numbers being intended solely for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

NORTH of Ireland.—Representative, on commission, required for a ready-selling Winter line; a really good thing. 139 27, Office of this Paper.

ADVERTISING.—Young man, with some experience in Drug Trade, and ability to prepare Display Advertisements for trade, medicinal, and public papers, required by large firm of Manufacturing Chemists: Pharmaceutical qualification not essential. State age, experience, and salary required. 65 41, Office of this Paper.

CHEMIST wanted; must have full experience in the manufacture of Face and Massage Creams and general Toilet preparations, both for cheap and high-class trade; London. 133 35, Office of this Paper.

CHEMIST, young and energetic, required by well-known manufacturing Alkaloids, Fine Chemicals, Proprietary, etc., for their propaganda department; must have experience of the Pharmaceutical business, medicinal literature, and supervision of representatives, etc.; candidate will be required to take charge of a department where organization discipline would be important factors; must be a persistent worker. Letters of application, which will be treated strictly confidential, should state fullest particulars of experience, age, and salary required, otherwise useless to apply. 47/48, Office of this Paper.

COUNTERMAN, wet and dry, for provincial Wholesale Dispensing. Apply, giving full particulars of experience and salary. Radix, c/o 55, Office of this Paper.

LABORATORY Manager and Chemist required by 7 houses; preference given to one well up in Tablet-making; salary and prospects; permanency. Apply 140/14, Office of this Paper.

LADY, to take charge of Finishing department of Toilet Preparations, and supervise small staff of girls. N.W. London. State experience and salary required. Office of this Paper.

LIVE Representatives wanted for high-class lines Toilet preparations, new, but well advertised. Those with established connections, capable of pushing further good lines on commission, should apply 154/19, Office of this Paper.

PILL and Tablet-maker wanted; qualified Chemist not essential; must be capable of good work at a small salary. W. Chadforth, Pharmaceutical Chemist, 65 Gower Street, Bow, E.3.

REPRESENTATIVE required by large Wholesale Manufacturing Chemists and Druggists to call upon the Medical Profession Wales; must have established connection. Write, in confidence, experience, etc., to "Salol" 160/36, Office of this Paper.

REPRESENTATIVES, well introduced amongst Chemists and Hairdressers, required by firm of Toilet Specialists to represent them (1) over the Eastern Counties ground, (2) over the South and West of England. Apply, with full particulars, stating ground covered, to 139/18, Office of this Paper.

REPRESENTATIVES required on a commission basis, having a good connection amongst Chemists, for the following territories: East Coast, South Coast, South-West of England, and Midland Counties; Registered P.A.T.A. lines of high-class Food Preparations, including a Tonic Wine. Apply, giving full details territory covered, to 139/39, Office of this Paper.

REQUIRED by Northern Wholesale Druggists, a gentleman, well up in the Manufacture of Tablets, and able to develop Manufacturing side of the business generally; state experience, confidence, and salary required. 137/36, Office of this Paper.

WANT Traveller, Having Hospital connection, wanted for exploitation of economical patent re surgical gloves; part-would suffice; Agents wanted for France and U.S.A. Address, 105 Princess Road, Leicester.

WANT, energetic Travellers (2), for London and outskirts, to call on Chemists and Medicine Vendors, for well-advertised Ointment for Skin Troubles; one for territory North of Thames, one for South side; live connection on the special ground, and exceptional references indispensable; terms, £1 per week cases and 10 per cent. commission on retail orders and 2½ per cent. on wholesale orders, where instructed to call; no objection to other non-classifying Agencies. Write, with full particulars and previous experience, to A. H. S., "Lexden," Kew Gardens, Surrey.

TRAVELLER required for London and provinces, calling on Chemists, Cutlers, and Fancy Goods Dealers; only experienced men need apply. "P. C. B." (2/2), Office of this Paper.

WANTED (immediately), youth as Stockkeeper: one accustomed to handling Chemists' Goods and Patent Medicines. Apply the Manager, Heppell's, 78 Strand, W.C.

WANTED, smart Travellers, with first-class connections, to push excellent side-line; 20% commission; proved Dry Cleaner; dye; sell 3d., 6d.; perfect results on the fashionable velvet felt hat and wide range of articles; small samples. Write 5, Office of this Paper.

WAREHOUSEMAN or Warehouse Overseer wanted; live, experienced man; good wages; first-class references essential. Apply by letter only to Henry C. Quelch & Co., 5 Ludgate Hill, E.C. 4.

WET-ROOM Counterman required. Evans Sons Lescher & Webb Ltd., 60 Bartholomew Close.

WING man required for putting up Stock and assisting in Warehouse; not much experience necessary. Apply, stating references, and all particulars, to E. Bing & Son, Pharmaceutical Chemists, Canterbury.

SITUATIONS OPEN.

1s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

(Colonial, Indian and Foreign.)

WANT—Qualified Assistant; English, French, or Belgian; three years' agreement; good salary and allowances; a first-class position for good man; passage out and home. Write H. B. Sleeman & Co., Ltd., 84 Leadenhall Street.

WISH East Africa.—Wanted, qualified Assistants, with good experience, under 30, single, with knowledge of Photography etc.; attractive climate; short hours; three years' agreement; second-class passage paid out; commencing salary £30 per month. Apply, with full particulars, to R. McGeorge, c/o H. C. & Son, Prince's Street, Edinburgh.

WANT—Qualified Assistant; 4 years' agreement; passage paid out and home; salary now equal to £500 per annum, with bonus; 60 dollars per month under certain conditions. Apply Bona Ltd., 82 Middlesex Street, London, E. 1.

WANT—Assistant Manager required in Factory producing up-class Medicinal Specialities, Toilet Articles, and Perfumery; unmarried; one used to machinery and modern methods; preferred, but not essential; knowledge of languages necessary; good opening for capable man; interview will be held in London early in November. Reply, with full particulars, experience, stating age and salary required, 63/37, Office of this Paper.

FEDERATED MALAY STATES.—Qualified Assistant; unmarried; must have good experience in Retail; terms, three years' agreement; salary £400, £250, £500 sterling per annum; passage paid (second class) out and home; short hours; good climate; the firm one of the largest in the East, and the position and surrounding country most attractive. Apply Dakin Bros., Ltd., 82 Middlesex Street, London, E. 1.

MENTONE, FRANCE.—English qualified Assistant, unmarried, with London experience; from 1st January to 31st April, 1920. Apply, with all particulars and photograph, to C. J. R., Evans Sons Lescher & Webb, 60 Bartholomew Close, E.C.

ITALY.—Wanted, good Laboratory Hand; unmarried; one used to the manufacture of Tablets, Pills, and Lozenges; state experience and salary expected. Apply 65/370, Office of this Paper.

JOHANNESBURG.—Chemist's Assistant wanted for Johannesburg; not necessarily qualified; £25 per month first year, £27 10s. per month second year, with furnished bedroom on premises; no agreement; good references required. Apply by letter, M. Wright, c/o J. A. Ewing & Co., Ewing House, Chiswell Street, London, E.C.

NICE.—Qualified and competent Assistant, accustomed to first-class business, for winter season; knowledge of French essential and French Pharmacy desirable. Give full details and photo on application to Pharmacie Anglaise, 14 Avenue de Verdun, Nice.

SIAM.—Qualified Chemist-Optician wanted for Siam. Write age and experience to "L." (35/21), Office of this Paper.

SINGAPORE, STRAITS SETTLEMENTS.—Wanted, qualified Assistant of good experience; healthy climate; short hours; three years' agreement; passage paid out and home; salary first year £38 per month, second year £41, third year £44. Fuller particulars from M. K. Watt, Pharmacist, 28 Esslemont Avenue, Aberdeen.

SINGAPORE.—Wanted, young, qualified Chemist Assistant; three years' agreement; salary \$500 per month first year, \$325 per month second year, \$350 per month third year; passage paid out and home. Apply Durant, Radford & Co., Ltd., Billiter Buildings, E.C.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

[HOME.]

RETAIL.

A.A.A.—QUALIFIED Manager or Locum; permanency preferred; married; 33; 20 years' experience good middle-class Pharmacies; with good references; good Prescriber; just successfully managed business 3 years, when it was sold; disengaged October 27th; please state terms and hours. "Aspirin," 27 Cleveland Road, Northampton.

ACTIVE young Assistant; highest references; several evenings weekly; West End; capable Dispenser, with Retail experience. "Pill," c/o J. A. Sinclair, 15 Aldersgate Street, E.C.

ADVERTISER, very active, desires permanency in country town; smart Salesman; Photographic specialist; best experience London and provinces; unqualified; 40; married. Apply 135/1, Office of this Paper.

ADVERTISER, 24, M.P.S., tall, good experience in highest-class Dispensing, etc., seeks position; South Coast preferred, but not essential. Kindly state hours, salary, etc., to 137/6, Office of this Paper.

ADVERTISER just demobilised seeks post; unqualified; tall, married, age 33; energetic and reliable. Full particulars to 111 21, Office of this Paper.

ADVERTISER, Chemist-Optician, desires Locum or temporary work; 11 years own business; disengaged. Richards, 44 Cowley Road, Uxbridge.

ADVERTISER, reliable, energetic; first-class Counter and Dispensing experience; town and country; Manager, Assistant; recent references. 138/28, Office of this Paper.

AS Locum or temporary; take charge; disengaged. "Locum," 2 Christian Road, Preston.

AS Manager, with view to succession of Business or Branch; in or near to Liverpool; single; 35; qualified. 138/16, Office of this Paper.

ASSISTANT, 27; accustomed high-class Dispensing and Counter work; Photography. West End and provincial experience; disengaged now. Brown, 10 Lorne Road, Southwood.

ASSISTANT (unqualified); requires situation; age 39; tall; Army discharged; Dispensing, Counter, Optics, and Photography; disengaged. "Stanam," 64 Howard Street, Gloucester.

ASSISTANT, 26, just demobilised, excellent general and foreign experience, speaks French, references, desires post, Newcastle or district. Carter, 244 Stannion Street, Newcastle-on-Tyne.

ASSISTANT, lady (Hall); five years' shop experience, Retail and Dispensing; good reference; at liberty end of November. Apply 134/22, Office of this Paper.

ASSISTANT, unqualified, 27, excellent experience Retail, Dispensing, Photography, seeks situation; town or country. 137/6, Office of this Paper.

ASSISTANT, in good-class Dispensing and Retail; excellent references; age 27; single; recently demobilised. 136/17, Office of this Paper.

ASSISTANT unqualified, recently demobilised, desires post, whole or part time. Apply G. S., 32 Tisbury Place, Sharnfield.

ASSISTANT, 30; unqualified. Dispenser or Stockkeeper; Wholesale or Retail; 10 years' experience; London only. W. J. B., c/o Mr. Starkey, 68 Leonard Street, E.C.2.

ASSISTANT, 27, unqualified, married, desires berth, Light Retail business; competent in all branches: knowledge Photography; capable taking charge; references satisfactory; Midland preferred. Apply "Aspirin," 92 Walsgrave Road, Coventry.

ASSISTANT, 22; unqualified; just demobilised; experienced Dispensing and Counter; excellent references; state full particulars first letter. Jeds, 42 Moral Street, Barry Dock.

ASSISTANT, demobilised; unqualified; 35; tall; good address; married; Locum or permanency; Dispenser Prescriber, Extractor. Perkins, 26 The Arcade, Abock's Green, Birmingham.

ASSISTANT, 20, desires immediate engagement; 4 years' experience; an opportunity for a Pharmacist who wants a personal interest taken in the business; Photographics; please state salary offered. 139/20, Office of this Paper.

ASSISTANT, 23, unqualified, with high-class Dispensing and Counter experience; excellent references. Gale, Chester Street, Wrexham, N. Wales.

BRIGHTON District.—Whole, part time, or Locum; qualified. Carron, 25 Chatham Place, Brighton.

CAPABLE, thoroughly experienced man requires situation where hours are short, with equivalent salary; Dispensing preferred; very good references. 139/30, Office of this Paper.

CAPABLE, trustworthy Assistant; tall; 31; unqualified, but well up, high-class Dispensing, Counter, Photography (counter); or Manage Branch; £4 10s. 25 weekly; free. 135/10, Office of this Paper.

CHEMIST'S Widow 32, thoroughly experienced Toffet and Perfumery, fair knowledge Drug Counter, seeks part-time berth, West-End Chemist; evenings from 5.30, Saturdays from 1.30, Sundays if desired. "P. D." (140/7), Office of this Paper.

COMPETENT Assistant; 37; unqualified; high-class experience Dispensing, Counter, Photography; recently demobilised; dear classes preferred. 137/31, Office of this Paper.

COMPETENT Assistant, unqualified; 27; demobilised; state terms. Gibbs, 52 Rly's Road, Harrogate.

COMPLIANT Assistant; 26; unqualified, good and energetic Counterman, Prescriber; capable and experienced. State salary, etc., to 139/28, Office of this Paper.

DEMOBILISED Pharmacist; age 40 years; single; 20 years' experience town and country, West End and Store; Manager or Locum; best references. Apply "W." (134/20), Office of this Paper.

DEMOBILISED 3 years' service; unqualified Assistant; age 25; 7 years with last employer. Offers to "Theos.," 132/36, Office of this Paper.

DEMOBILISED, unqualified Assistant, age 27, 6 years' London experience, desires situation. State particulars, 138/29, Office of this Paper.

DISENGAGED, London, provincial experience; well up all branches. "Chemist," 6 Eastbourne Terrace, Paddington, W.

DISPENSER.—Young Lady, age 19, Hall certificate, desirable position in good-class Chemist's or Hospital. Laing, Stratford, Mowkham Lane, Woodford, Essex.

DISPENSER, Bookkeeper, etc. (35); permanency required. would do Locum; 16 years' experience; good references. Strutt, 2 London Road, Hainham.

DISPENSER, unqualified, age 22, seeks situation in Ireland (Dublin or North), in Hospital, Shop, or with Doctor, years Medical Staff, Royal Navy, Dispenser on large ship present with two Doctors with large London practice; references. Apply 135/2, Office of this Paper.

DISPENSER (lady), Hall certificate, varied experience, Dress Bookkeeper, requires engagement. Apply 134/390, Office of this Paper.

DISPENSER (Hall), Nursing, Typist, desires post, Doctor, Chemist, or Institution; disengaged now; good references. Miss Leak, Prydiearth la, Deganwy, North Wales.

DISPENSER to Doctor; male; Hall qualification; several years' experience, good references. L. M., 30 Haygate Station, Walworth, London, S.E.

DISPENSER, lady (Hall); Hospital experience, Military and Civil; knowledge of Milk-testing; excellent testimonials; disengaged. Miss Leeder, 19 Philip Road, Ipswich, Suffolk.

DISPENSER.—Lady requires post; excellent experience with both Doctor and Chemist; disengaged. 138/23, Office of this Paper.

DISPENSER-BOOKKEEPER (Hall).—Lady, with two years' experience practical Dispensing requires post; Doctor, Institution, or Dispensary preferred. Marry, Cartref, Minehead.

EVENING duty; qualified; disengaged at 5.30 p.m. Apply 139/23, Office of this Paper.

EVENINGS, four weekly, from 5.30, permanently or full part time for two weeks or less; qualified; experience "P. C. B." (1/22), Office of this Paper.

EVENINGS.—Dispenser, unqualified, requires engagement several evenings weekly; used N.H.I. work. "P. C. B." 1/26, Office of this Paper.

EVENINGS from 4.30 and Saturdays; Minor. J. B., 5 P View, Brisbane Road, Ilford.

EXPERIENCED Dispenser; lady (Hall); experience of Hospital Surgery, and Institution work; excellent testimonials; or near London. Apply 140/24, Office of this Paper.

FIRST-CLASS Managing Assistant, about 30 years' experience, desires permanency; active; good references; good Counterman; thorough in all departments; disengaged early November 136/3, Office of this Paper.

GENTLEMANLY youth, age 18, seeks post in London, Brighton or Eastbourne; just finished apprenticeship; state salary. E. Wise, 14 Tweedy Road, Bromley, Kent.

GOOD window; mean good trade. Why not have them done by experienced man. For terms, Jackson-Lockyer, 89 Gt. Road, S.W.9.

HALF-DAY, morning or afternoons; qualified; good experience Counter, Office, Dispensing, Manufacturing, or House. "P. C. B." (1/390), Office of this Paper.

JUNIOR, disengaged November 10th; capable and trustworthy experienced Counter and Dispensing; London preferred. Full particulars to Jones, 10 John Street, Rhyl, Wales.

JUNIOR Assistant; 18; 4 years' experience; knowledge of Photography; abstainer. Cook, 6 Bradmore Street, M. bridge.

JUST released from Multiple Drug-Store engagement, advertiser seeks position in which his inside knowledge will make possible the combating of such competition; well-educated, experienced man; qualified. 139/19, Office of this Paper.

JUNIOR, demobilised, 20, 4½ years' Dispensing and Retail experience, situation where he can obtain further good-class Dispensing experience. 140/11, Office of this Paper.

LADY, 25, Minor, first-class Dispenser, desires Locum or Dispensing, or charge. Apply 134/250, Office of this Paper.

LADY, 26, Minor, 10 years' first-class experience all branches of Pharmacy, including Photographic, capable of taking full charge, desires post. Apply 134/25, Office of this Paper.

LADY, Minor, experienced Perfumery and Toilet Manufacture, recently with West End Perfumers, desires similar post in a-class firm; excellent all-round experience and references. Address, 39 Kensington Gardens Square, Bayswater, W. 2.

LADY Assistant, with 6 years' good general experience, Dispensing, Counter, and Window-dressing, seeks position with Pharmacist. Reply to L. Moss, 44 Parchmore Road, Thornton Heath, Surrey.

LOCUM, disengaged November 8th, wishes temporary work, till end of year; 30 years' first-class experience; best references. D.F., c/o Braid, Chemist, Exmouth.

LOCUM, Manager, or assist for a few months; Photography, Dentistry, Optics; energetic, trustworthy; exceptional experience and references. "Statim," 5 Bamford Road, Wolverhampton.

LOCUM; Major qualification; thoroughly experienced; abstainer; highest recommendations. Dear, 111 Royal Parade East, Melbourne.

LOCUM; permanency; elderly; qualified; disengaged; experienced. "Pharmacist," 18 Penshurst Road, South Hackney.

LOCUM; qualified; at liberty; 29 tall. Cofar, "Kenilworth," Central Promenade, Douglas, Isle of Man.

LOCUM disengaged; tall, middle-aged, married, abstainer; high-class preferred; used to control; where ability appreciated. Watson, 6 Upper Stone Street, Maidstone.

LOCUM, temporary Manager; 53; disengaged till March; country; first-class references and experience; Optics, Photography; etc. Dewey, 4 Montague Gardens, Warrington, Surrey.

LOCUM or otherwise; disengaged; London or suburbs. "D., 82 Marlborough Road, Romford.

LOCUM (experienced) or permanency; disengaged October 27th. C. S., 19 Rockmount Road, S.E. 19.

LOCUM; qualified; abstainer; all-round experience; at liberty next three weeks. "Statim," 71 High Road, South Tottenham.

LONDON.—Young man, tall, industrious, seeks situation with Chemist for putting up stock; whole or part time. Write "P. B." (1/16), Office of this Paper.

MP.S., EXPERIENCED, seeks post as Manager; Birmingham or district; good references. 137/35, Office of this Paper.

MP.S., REQUIRES position as Manager; London and provincial experience; abstainer; disengaged; good references. Please give all particulars in first letter, "P. C. B." Office of this Paper.

MP.S., LOCUM; disengaged 25th; undeniable references; absolute all-round experience; £6 and travel expenses; telegraphic call first preference. Edgson, 116 Murdock Road, Handsworth.

MANAGER, Locum, or part-time; qualified; experienced; moderate salary. 156/58, Office of this Paper.

MANAGER, qualified, seeks position in or near London; preferably with unfurnished rooms attached; best experience; French; commence immediately. T. H. C., 2 Hill Street, Merton, Surrey.

MANAGER or Assistant; unqualified; temporary or permanent; great experience; tall; active; disengaged. "Chemist," 10 Church Street, Maidstone.

MANAGERSHIP, qualified, with view to succession, in good middle-class business, having suitable house attached and in beach district, preferably in Northumberland, Durham, or the North Riding; returns about £1,200, with good scope for increase. Apply, giving full particulars, to "Confidential" (157/8), Office of this Paper.

MANCHESTER and District.—Young Man, 26, qualified, requires post; good experience and references. Apply D. F., 69 Bony Road, Chorlton-cum-Hardy.

PART TIME.—Assistant, 25, unqualified, desires post two evenings and half-day Saturday. Apply Smith, 1 Trafalgar Square, Chelsea, S.W.

PHARMACIST, 35, married, desires post as Manager; please state salary offered in first letter. "Pharmacist," 2 Hunter Street, Brierfield.

PHARMACIST, 31, married, abstainer, requires post as Manager; please state salary. "Pharmacist," Boldroyd, 274 Bradford Road North, Huddersfield.

PHARMACIST, experienced Manager and Buyer; highest credentials; good salary and living accommodation necessary. "Blanch" (138/52), Office of this Paper.

PHARMACIST (Lady), experienced Hospital and Retail; now at liberty; excellent testimonials. Apply Miss Moore, 5 St. James' Road, Gravesend.

PHARMACIST, Manager or Assistant; good all-round experience. City, West End, Continent; excellent references. "P. C. B." 139, Office of this Paper.

PHARMACIST; recently demobilised; outdoors; married; best-class Dispensing; 2 years last berth. "Spec," 13 Embankment Residences, Chelsea.

PHARMACIST 36, first-rate experience, desires position as Manager or Senior in good-class business; excellent references. Apply 159/2, Office of this Paper.

QUALIFIED Dispenser desires re-engagement; experienced; good references. 19 Washerwall, Werrington, Stoke-on-Trent.

QUALIFIED Manager, 25 years' first-class experience, requires permanency; town or country; disengaged; married. State salary to "M.D.," 25 Fox Hill, S.E. 19.

QUALIFIED, experienced, 32, married, as Branch Manager or otherwise; provinces preferred. G. Williams, 32 Stanfield Road, Winton, Bournemouth.

QUALIFIED Manager or Assistant; 43; married; 5 years present situation; experienced; abstainer. Taylor, 65 George Street, Buckland, Portsmouth.

QUALIFIED, 35, married, abstainer, desires permanency as Manager or Assistant; 17 years' good experience, London and suburban. "C. E. B.," c/o Edwards, Chemist, Farnham, Surrey.

QUALIFIED 25, seeks comfortable berth, with or without view to Managership; at liberty; highest credentials; South Wales preferred, but not essential. "Amplipsin" (156/35), Office of this Paper.

QUALIFIED Lady Dispenser (Hall), Doctors' experience, requires post in London with Doctors, Chemist, or Institution; good references. Miss Miller, 5 Dartmouth Park Road, N.W. 5.

QUALIFIED Manager or Assistant; experienced; Photographic; London or provinces; highest testimonials; disengaged. "M.P.S.," 22 Ellison Road, Barnes, S.W.

QUALIFIED; elderly; active; well-experienced, all-round man; Manager, Dispenser, or any capacity. Wright, 93 Brixton Road, S.W. 9.

QUALIFIED; disengaged; London only; outdoors; age 36. "Chemist," 18 Mansfield Road, Walthamstow.

QUALIFIED; Manager or Locum; experienced; satisfactory references. 138/12, Office of this Paper.

QUALIFIED Manager, wide London and Provincial experience, Dispenser, Prescriber, Counterman, and Photography, requires good position; disengaged; state salary. 140/10, Office of this Paper.

REGISTERED, branch, small, Prescriber, etc., at liberty. Address "D.," 193 Wellington Street, Bradford, Manchester.

RELIABLE Scotch Lady Dispenser, qualified, would like post in Hospital or Dispensary. Apply 157/27, Office of this Paper.

RETAIL experience required in small healthy town by Qualified man; highest references; married; Yorkshire or Midlands preferred; age 44. Apply 157/110, Office of this Paper.

STUDENT, age 18, passed Prelim, seeks Apprenticeship; premium; London. "L." (140/16), Office of this Paper.

SUCCESSION.—Pharmacist (32, married, desires a change to a position with view to eventual succession; last six years successful Manager; willing to deposit £100 as bona fides; living accommodation essential before resigning present managership; interview preferred; strictly confidential. 158/36, Office of this Paper.

TWO Chemists, Great Britain and Ireland.—Pharmacist, London and Dublin qualifications, first-class experience and references, married, resigning position shortly, desires Managership; temporary or permanent. Address "Helium," "Rosendale," Ashier Road, Bristol.

UNQUALIFIED Assistant; single; Dispensing Counter, Extractor, please state salary. "Cuprum" (134/28), Office of this Paper.

UNQUALIFIED, 29, married, abstainer, requires position in Retail or Wholesale; 14 years' experience. Coe, 31 Occupation Road, Cambridge.

UNQUALIFIED; Manage or assist; experienced; good Prescriber and Salesman; Locum entertained; good references; disengaged. "Number One," 74 Peckham Road, S.E. 15.

UNQUALIFIED; 30; married; good experience; reliable Counter hand; not afraid of work; up-to-date methods; Photograph; smart Windows; permanency desired; 5 years last; London or suburbs. 137/38, Office of this Paper.

UNQUALIFIED; 32; tall; experienced in high-class Dispensing and Counter; first-rate references; South of London preferred. Stapleton, 9 Liverpool Road, St. Albans.

UNQUALIFIED Assistant; excellent references; disengaged; Surrey or Sussex preferred. 140/2, Office of this Paper.

WANTED, position, any capacity; 20 years' all-round experience; many years own business, which was sold to join H.M. Forces; recently demobilised; organiser, business builder, energetic; of good appearance and address; unregistered, married; some capital; would consider purchase of neglected business; offers must be sufficiently remunerative; preferably with living accommodation; honest endeavour offered in return. Please apply to Arnold Rolph, 34 Pix Road, Letchworth (Garden City), Herts.

WEST END; evenings from 4.30; reliable Dispenser; highest references. "P. C. B." (2/7), Office of this Paper.

WEST LANCASHIRE.—Experienced Assistant, or temporary; disengaged. Oliver, 2 Christian Road, Preston.

WHOLESALE.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

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ADVERTISER (lady) requires post with Wholesale Chemical firm; experienced in the Costing of Manufactured Preparations; capable, energetic, and good organiser. Apply 136/7, Office of this Paper.

BUYER, of long experience in the Drug and Chemical trade, requires an appointment as Buyer or Assistant Buyer. 107/40, Office of this Paper.

EXPERIENCED Pharmacist, having disposed of Retail business, desires post in Wholesale; capital to invest in sound business. Write 139/40, Office of this Paper.

HERE you are offered the services of a thoroughly competent qualified man as Manager, or in any capacity of trust; one possessing tact and initiative and an unique experience in all the branches of the trade; expert Salesman, Window-dresser, Prescriber, and business builder; energetic, conscientious, thoroughly business to the finger-tips; age 32; married; tall, and of good address; in possession of undeniable credentials, such services would be considered an investment, not an expense; London or district preferred, and any class of business. "Energetic" (136/12), Office of this Paper.

GENTLEMAN (38), now Sales Manager for Chemical Merchants, desires change; commence January; thorough practical knowledge of the trade and the world's markets; good correspondent; used control staff; has good connections amongst best buyers here, on the Continent, and Far East; terms, salary and commission (minimum £1,000 per annum), or profit-sharing basis. Write Box 920, c/o Hooper & Batty, Ltd., 15 Walbrook, E.C. 4.

INTENSIVE Production.—A Pharmaceutical Chemist, who has devoted half a lifetime to what is known as Scientific Business Management, is prepared to assist manufacturers, particularly those whose business calls for large outputs of repetition goods, with schemes, plans, and suggestions by which a reduction of labour-cost of 50% or more should be obtained. The advertiser is not seeking a position, but is able to place special experience in this and similar directions in the hands of those interested. "P. C. B." (1/31), Office of this Paper.

LABORATORY Manager, qualified, seeks change; London and provincial experience; Pharmaceuticals and Galenicals, Doctors' and Heavy, Tablets; highest references. "F. C. S." (137/11), Office of this Paper.

LABORATORY.—Competent Foreman (41) desires change; 25 years' experience in manufacture of Galenicals, Emulsions, Ointments, Fluid Extracts, Syrups, Toilet, Proprietary Articles, etc., need to Recover Still and control of staff. Apply 138/6, Office of this Paper.

OUTDOOR appointment desired with reliable house; good Salesman; 10 years' best Retail experience; age 35; suitable appearance; worker; highest references; own car by arrangement; salary and commission; suburban district. "Zingib" (137/26), Office of this Paper.

PERFUMES, Toilet Preparations, Packed Goods.—Active, trustworthy man with good all-round experience and initiative, desires position as Manager, or Assistant in Laboratory; accustomed to control staff. 140/17, Office of this Paper.

PHARMACIST, 35, desires change to Wholesale; Travelling preferred. "Pharmacist," 314 Blackburn Road, Egerton, Bolton.

PHARMACIST, well educated, with literary ability and experience in preparation of Pharmaceutical and Medical literature for advertising purposes, seeks re-engagement; advertiser is able to supervise translation of such literature into foreign languages, has had control of large staff, possesses knowledge of Optics (F.S.M.C.), can furnish excellent references, desires permanency, and is willing to commence at a moderate salary. "P. C. B." (1/37), Office of this Paper.

PHARMACIST, 30 years, desires post in the Wholesale; experienced in the Manufacture of Galenicals, Toilet Preparations, etc., Buying; accustomed to control staff and supervise packing. 136/10, Office of this Paper.

PILL and Tablet Mkr., to take charge; 20 years' experience, with knowledge of the trade in general; also able to control girls in making Suppositories, Horsebans, packing Drenches, etc.; London preferred. Apply "P. C. B." (1/29), Office of this Paper.

PILL and Tablet Coater and Granulator seeks engagement (London or near); long experience in first-class work. 137/32, Office of this Paper.

POSITION as Supervisor wanted in London or suburbs; 35 years' experience with first-class firm; knowledge of Manufactured Pastilles, Machine Lozenge-making, and Liquorice work and well up in machinery. Apply, stating salary, Gridley, 66 Leipsic Road, Camberwell, S.E. 5.

TRAVELLER, young and energetic, a live Salesman, holding first-class London and district connection for the past eight years amongst Wholesale and Retail Chemists, seeks appointment with progressive house; Perfumery, Toilets, Patents, or Standard Lines. Apply "P. C. B." (2/8), Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

PHARMACEUTICAL Chemist desires situation, France; first-class London experience; French Dispensing; speaks French. McEver, c/o Roberts & Co, 76 New Bond Street, London.

MISCELLANEOUS.

7s. for 60 words; every additional 10 words 6d.

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CORKS.—Large surplus stock; good-quality Shives for postal; about 8,000 gross in all; size $\frac{1}{8}$ in., tapering, $\frac{3}{4}$ in., by $\frac{1}{4}$ in. long; packed in 100-gross bags; stamp for sale; specify quantity for quotation. Foster-McClellan Co., 8 V Street, Oxford Street, London, W. 1.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right; goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 261 V Street, London, E.C.

SHOWCASES AND SHOP-FITTINGS.—Several fine Silent Showcases and Counters; quantity of useful Showcases; low prices. Write inquiries, Philip Josephs & Sons, 93 Old Street, London, E.C. 1.

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B.P.C. 114; B.P.C., 2nd Edition; B.P.C. Year Books, 22 Vols. from 1870. Cash offers for lot or separately to H. Carlton, Newcastle.

DENTAL.

NINEpairs Dental Forceps, as new; two bottles Insoluble Cement; or set of Impression Trays; £3 or nearest offer. Apply 17/4, Office of this Paper.

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THOMSON Pickard Cameras; one Klippa, as new; 3 slides; or Limit, new; 3 slides. Apply 133/1, Office of this Paper.

SHOP FITTINGS.

SWANECK Carboy; cut stopper; capacity about 4 gall.; new condition; what offers? Ness, Pharmacist, 68 Brixton Road, S.W.9.

MISCELLANEOUS.

STEEL JACKETED Copper Pan. Marsh, 41 Newcomen Street, S. Phone: Hop 1234.
SECOND-HAND Water Bed; splendid condition; 36 by 72. What offers? Higgs, Snettisham, Norfolk.
DO Assorted Trusses for Sale; slightly soiled; price 14s. do. Banks Swinburn, Penrith.
WHAT offers? Outside Circular Copper Lamp; 8 ruby panes; M's fig. 72/W. Apply 129/28, Office of this Paper.
WHAT offers? Water Bed; Maw's best quality; 6 feet by 3 feet; very new; only used 2 or 3 times. Cassie, Chemist, 49 Newgate Street.

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LATOP Case for 6-ft. Counter. Hickmans, Bridgwater.
FIVE bottles Kilmer's Swamp Root, 2s. 6d. size. Haynes, Chemist, Honiton.
REFRESH, Southall. Pharmacopoeia, Codex. "L." (68/20), Office of this Paper.
ACUCBottles; 5-oz. and 7-oz.; cash on invoice. Apply 140/29, Office of this Paper.
ESSAY Mould, 120 gr. Ashton & Co., 46 Dyke Road, Brighton.
P 105 lb Pulv. Rad. Aristolochias; state price. 136/36, Office of this Paper.
ODAN, Junior Kodaks, Folding Brownies, 2.C. Film. Bromha Chemist, Thetford.
ENTRANT LATHES, also Books on Mechanical Dentistry. 110 Newdown Road Margate.
ABOLATORY Apparatus for Minor student. Bickerton, 134 Orner Road, Handsworth, Birmingham.
-OZ. Bund Bottles; limes or vials; any quantity. Send particulars to Hunts, Chemists, Netherfield, Notts.
HARCEUTICAL Codex 1911, Balances, Apparatus. Particulars and prices, "Chemist," 62 Whitton Road, Hounslow.
PTIC, Trial Case (small) required immediately by student reading for F.S.M.C. Exam.; also Text Books. Particulars to 136/5, Office of this Paper.
1 ANT), Upright Wall Showcase, 8 ft. by 3 ft. Particulars Brobury, Stafford.
ANT), Phials, Brill. Bottles, all sizes, Pot. Carb. Com., Sodii Cap. Ess. Oils soluble in oil, Perfume Bottles, with and without stoppers Ribbon for Perfumery, etc. May Freres, 324 City Road, N. 1.

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2-oz. 6-oz. 16-oz.

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State quantity offered and price to
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OPTICAL Trial Case wanted for cash; must be in good order.
Isaac, 86 Marlows, Hemel Hempstead.
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Apply Harrison Glew, Radium Laboratories, 156 Olapham
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taire Road, Olapham, S.W.4.

THE IMPORTANCE OF CIRCULATION



IN ATTEMPTING TO ARRIVE AT ANY ESTIMATE AS TO THE
VALUE OF ADVERTISEMENT CHARGES THE QUESTION OF

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FOR FURTHER INFORMATION
WRITE

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42 Cannon Street

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